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U. S. DEPARTMENT OF AGRICULTURE
DIVISION OF
JUL 8 1897
BOTANY
SEED LABORATORY

Wm. Elliott & Sons

FORMERLY YOUNG & ELLIOTT.

SEEDSMEN

IMPORTERS & GROWERS OF

SEEDS AND BULBS

54 & 56 DEY, ST.

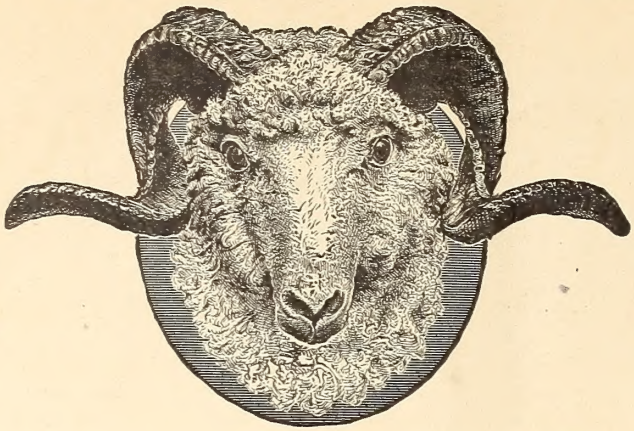
N·Y·

ESTABLISHED 1845

1892

WM. ELLIOTT & SONS'

PURE SHEEP PULVERIZED MANURE



The Richest Natural Manure. Better than All Others, Natural or Artificial.

This is a pure Natural Manure and the most nutritious food for plants. Its effect is immediate; much more lasting and healthy than guano or any other manure. It is the best of all manures for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity; all culinary vegetables reach their highest quality only when growth is rapid and unchecked. It makes the richest, safest and quickest Liquid Manure, rivaling guano, without any deleterious effects. For use in liquid form, one pound to five gallons of water will make a dark liquid which can be used with safety daily if necessary. As a Lawn Top Dressing it is unequaled. In bags of 100 lbs. each, $3.50; ¼ ton, 5 bags, $15; per ton, 20 bags, $45. In packages of 2, 4 and 10 lbs., 15c., 25c. and 50c. each.

COMPRESSED SHEEP MANURE.

Used chiefly for making liquid manure. In bags of 100 lbs., each, $3.00; ¼ ton, 5 bags, $12.50; per ton, 20 bags, $40.00.

PERUVIAN GUANO.

Use three to four hundred pounds per acre. Before using, it should be made fine and mixed with loam or plaster. It should not be mixed with lime, ashes or clay, and care should be taken to prevent its coming in contact with growing plants when used in a dry state. Two lb. box, 20 cts.; 5 lb. box, 40 cts.; 10 lbs., 60 cts.; 100 lbs., $4.00; per bag of about 200 lbs., 3½ cts. per lb.; price per ton on application.

CLAY'S FERTILIZER.

We have been appointed Sole Agents for this valuable imported manure, which is constantly increasing in popularity. It is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Per cwt. (112 lbs.), $7.00; ½ cwt. (56 lbs.), $4.00.

MAPES' MANURES.

The following well-known manures have been in successful practical use among many of the most noted truck, fruit and special crop growers, and are now employed, particularly among farmers in Long Island, Connecticut and New Jersey, by many exclusively in place of purchased stable manure. They restore worn-out lands and add to the permanent fertility of the soil as is abundantly shown by the testimony of practical growers who have used them for many successive seasons on the same land.

Mapes' Potato Manure. For Irish and sweet potatoes, also for asparagus, early vegetables, tomatoes, sugar beets, fruits and sorghum. Use three bags per acre. Per bag (200 lbs.), $4.75; per ton, $43.00.

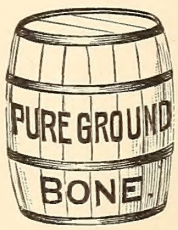
Complete Manure (for Light Soils). This is our vegetable or truck manure on all kinds of soils, light or heavy. Use broadcast; special for onions, also on light soils for asparagus, sweet potatoes, melons, tomatoes, wheat and seeding to grass. Per bag (200 lbs.), $5.00; ton, $45.00.

Complete Manure (for General Use). For use on all crops and all soils with or without stable manure. Use broadcast; if any in hills, use sparingly. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag (200 lbs.), $4.50.

Complete Manure ("A" Brand). For use in hill or drill on all crops, particularly in connection with farm manure. Special for peas, beans, buckwheat and turnips. Per bag (200 lbs.), $4.00; ton, $38.00.

Fruit and Vine Manure. For insuring fruiting power, particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries and all small fruits. Is slow in effects. Per bag (200 lbs.), $4.00; ton, $38.00.

Lawn Top Dressing (with Plaster). Per bag (200 lbs.), $4.00; per ton, $35.00.



PURE FINE GROUND BONE.

This is a very pure, finely-pulverized form of ground bone, especially prepared for rose culture. It is well adapted for mixing with soil for potting purposes in the proportions of one part bone to fifty of soil. 2 lbs., 15 cts.; 4 lbs., 25 cts.; 10 lbs., 50 cts.; 100 lbs., $4.00; bbl., 200 lbs., $6.00; ton, $45.00.

BOWKER'S PLANT FOOD.

In one pound packages, containing a pamphlet on the treatment of house plants, with directions for applying the fertilizer. Perfectly odorless and clean. Per package, 25 cts.

THE EXCELSIOR FERTILIZER.

A new, odorless Fertilizer for Pot Plants. Makes plants grow and bloom luxuriantly, and drives insects from the soil. This excellent Fertilizer can be used with good results to Pot Plants. It is used by dissolving a teaspoonful to a pint of water and applying to the soil every few weeks. It starts the plants at once into a healthy and vigorous growth and abundant bloom. In packages, 6 to 8 ounces, 15 cts.; by mail, postpaid, 20 cts.; per doz., $1.50.

WM. ELLIOTT & SONS'

(Formerly YOUNG & ELLIOTT)

Seed Catalogue for 1892.

SUGGESTIONS TO CUSTOMERS.

ORDER EARLY.—We endeavor to place our Catalogue in the hands of our regular customers early in January, and it will be a great help to us if orders are sent in early, as in the height of the busy season it is sometimes difficult to despatch orders promptly.

DESPATCH OF ORDERS.—All orders will be promptly despatched on their receipt, or a reason given for their non-fulfillment. Plant orders are sometimes delayed by severe weather, and they at all times take longer to execute than orders for Seeds and Bulbs.

FREE BY MAIL.—All Flower and Vegetable Seeds in packets, with the exception of Peas, Beans and Corn, will be forwarded free by mail, when so desired, at prices quoted in this Catalogue. Fifteen cents per quart additional on Peas and Beans, and ten cents per quart additional on Corn, must be added to cover postage when these are to be sent by mail.

SAFE DELIVERY OF ORDERS.—We guarantee the safe delivery in good condition of orders in all cases. If a package is lost we will replace it as soon as informed of the fact. It sometimes happens that orders never reach us or are without a signature. When customers fail to receive their goods in a reasonable time they should inform us, and, at the same time, send a copy of their order.

ERRORS.—We, at all times, exercise the greatest care in filling orders, striving to do a little better than we offer; but, in spite of our vigilance, mistakes will sometimes occur. In such cases we will gladly make satisfactory corrections when promptly notified of the fact.

NEW CUSTOMERS.—Orders from parties unknown to us, to insure prompt attention, must be accompanied by a remittance or by satisfactory refereneence to some responsible house, or to some person of our acquaintance.

REMITTANCES.—Any mode of remittance that may be convenient to our customers will be acceptable to us. Remittances may be made *at our risk* by Bank Draft, Post Office Money Order, or Postal Note, Express Order or Registered Letter. Small amounts may be sent by ordinary mail, and postage stamps can always be used by us to advantage.

TESTED SEEDS.—We have always made it a stringent rule that all Seeds should be tested prior to shipment. We have hitherto found this method one of success, and have therefore been enabled to ensure greater confidence in our friends by so doing. We have, however, introduced from Europe a new method of testing, which enables us to immediately detect the immature and badly germinating varieties of Seeds. This improved process consequently dispenses with the more primitive and less accurate methods before in vogue, and we assert that nothing but Seeds of unsurpassed quality and highly germinating powers pass through the doors of our establishment.

WE GUARANTEE—That all Seeds sold by us shall prove to be as represented, to this extent, that should they prove otherwise we will replace them or send other Seeds to the same value. But we cannot guarantee the crop any further than the above offer, as there are so many causes which operate unfavorably in the germination of Seeds and maturity of the crop, over which we have no control. We can only undertake, therefore, to use our utmost care and skill in this matter, and cannot warrant any article, nor undertake any responsibility in case of failure or disappointment.

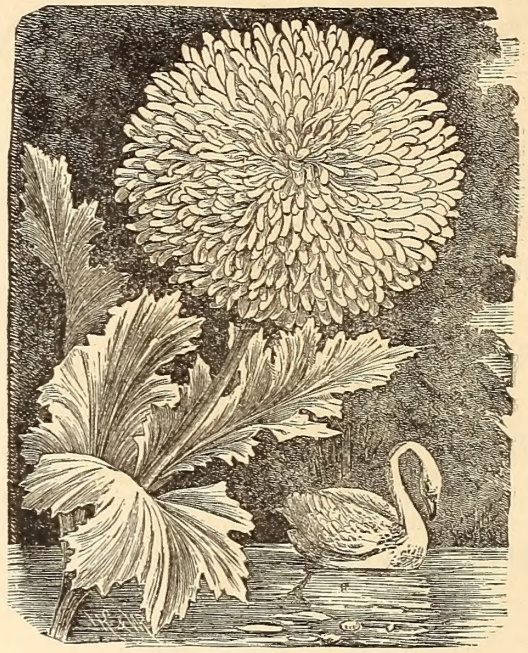
AUCTION DEPARTMENT.

In connection with our Seed and Bulb trade we conduct an extensive business in the sale of Plants at Auction. Our Auction Sales of Rare and Valuable Plants, Palms, Orchids, etc., from prominent cultivators in this country and abroad, are held on Tuesdays and Fridays of each week in Spring and Fall, and are personally conducted by Mr. Elliott.

Catalogues are issued three days previous to day of sale, and will be mailed to any one applying for them.

NOVELTIES IN FLOWER SEEDS

POLYANTHUS PRIMROSE, "ROYAL LONDON PARKS."



POPPY, "WHITE SWAN."

Polyanthus Primrose, "Royal London Parks." One of the most delightful sights is a bed of these charming many-colored Primroses. We would direct particular attention to the new variety shown above, which is remarkable for the brilliancy and diversity in color of its flowers, and we predict that in a short space of time this beautiful novelty will find a place in almost every flower garden. Per pkt., 35 cts.

Poppy, "White Swan." This plant grows only from 1½ to 2 feet high, forming a dense, richly-branching bush, and above the same are elevated on strong slender stems the very large flowers. The flower is of fabulous size, very double, lacimated, beautifully shaped, and of the purest possible white. The time of blooming is of a much longer duration than that of other Poppies. The luxuriant green foliage and the large pure white flowers of this novelty make it particularly valuable for large groups. Per pkt., 25 cts.

Streptocarpus, New Hybrids. (*Cape Primroses.*) These new hybrids are remarkable for their abundance of bloom and the continuous succession in which the flowers are produced for about four months in the summer and early autumn, and also for the long time the individual flowers last in perfection. The plant is a greenhouse perennial, of dwarf, neat habit, growing about 9 inches high, with rather long narrow-arched and recurved stemless leaves; whilst the flowers, which are very graceful in form, are trumpet-shaped, and measure about 1¾ inches in length. The variation of colors in these new hybrids is very striking, scarcely two plants being exactly the same. In this new class the colors range from pure white, through pale lavender, lilac blue, light mauve, purple, violet, bright rose and red, to rich rosy purple, with all the intermediate tints; and in all the flowers, the throat and three lower segments are more or less marked or splashed with long blotches or spots of various shades of purple, generally shaded and relieved with white, which greatly enhances the effect and affords a pleasing contrast of color. The culture of Streptocarpus is one of the easiest possible. If seed is sown end of January and February the plants come into bloom the following June and July, and continue flowering freely until the end of September and October. Per pkt., 60 cts.

STREPTOCARPUS, NEW HYBRIDS.

Petunia, "Clematis-Flowered." Another novelty in the way of Petunias is the "Clematis-flowered" group, a variety which gives a capital imitation of the flowers of Clematis Jackmanni set upon neat-habited Petunia plants. The purple blue color of these Petunias is singularly pure and rich, while we have in the group several equally acceptable colors, all surprisingly fresh and pleasing. Per pkt., 50 cts.

Aster, Jewel or Ball. They are handsome varieties of a new and magnificent class of Asters, which were obtained from the well-known large Pæony-flowered tribe. They are somewhat dwarf in habit, however, and are distinguished by the shorter petalled and perfectly round flowers. In three distinct colors: 1. *Apple Blossom;* 2. *Rose and White;* 3. *Dark Rose.* Each color, per pkt., 35 cts. 3 pkts. for $1.00.

SNOWBALL ASTER.

Aster, "Snowball" or Princess, White. Undoubtedly the first variety of an entirely new class, which, owing to the build of the flowers, is as beautiful as it is distinct. A single plant develops as many as thirty pure white flowers. It is very valuable as a pot plant, and its faultless form ensures it a great future. Per pkt., 35 cts. 3 pkts. for $1.00.

Begonia Hybrida Gigantea. (*Orange Yellow.*) A new and very showy variety of the largest flowering class. Its color is quite novel and distinct. The flowers are upright and as well formed as those of the finest red flowering kinds. Per pkt., 50 cts.

MARGUERITE CARNATIONS.

Carnations, Marguerite. The sensation created by these new perpetual Carnations among the gardening public can hardly be a matter of surprise if the indisputable advantages they offer be taken into account. These advantages are, firstly, the unusually large proportion of good double flowers the seed produces, about 80 per cent. being obtainable; and secondly, what is of the greatest importance, the fact of the seedlings beginning to bloom in the fourth month from the time of coming up. In consequence, by sowing this class in March and others in succession, the gardener will be provided with Carnations for cutting the whole year round. Those requiring a constant supply of cut blooms will at once recognize the valuable services it is destined to render, and grow it largely, while to every lover of this deservedly popular flower it cannot but be highly interesting. Per pkt., 25 cts.

Cineraria Alba. This will prove a very serviceable variety for cutting purposes, as it can be had in flower early in January. The plants are very dwarf, of compact habit, and produce a profusion of bloom. The flowers are large, of fine form and substance, the ray petals are pure white, and the center is of a fine indigo blue color. Per pkt., 75 cts.

Cyclamen Persicum Giganteum "Aurora" (New). This magnificent variety is of very compact habit, with beautiful rosy-pink colored flowers deepening to a fine carmine at the base, a tint of color which is very marked and conspicuous. Per pkt., 75 cts.

Giant Californian Eschscholtzia. Eschscholtzias or "Californian Poppies." This new giant variety is destined to universal popularity, as the flowers are enormous, measuring 4 to 5 inches across, almost as large as saucers. This giant strain has been produced by careful selection for a number of years, and contains several beautiful colors in mixture. Per pkt., 25 cts.

Japanese Hollyhock, Tokio. A most beautiful and characteristic Japanese variety, attaining a height of about 5 feet, bearing an unusually large number of large double flowers of distinct and picturesque beauty; the petals are beautifully frilled, of rich wine maroon at the base, shading to cherry red and edged white. Its striking effect attracts the attention of the most uninterested. Per pkt., 25 cts.

Mina Lobata. Charming, half-hardy climbing annual. The buds are at first of a vivid red, but turn to orange yellow, and when expanded the flowers are of a creamy white. They are copiously produced from the base to the summit of the plant, which attains a height of 20 feet, and constitutes a strikingly beautiful object. Per pkt., 25 cts.

Moonflower, New Hybrid. A cross between the white and black-seeded Moonflower, partaking of the qualities and characteristics of each. Flowers are white, and much larger than those produced from the black seed, and are in full bloom thirty to forty-five days earlier than from the white seed, which makes it a decided acquisition for growing far north. Per pkt., 10 cts. 3 pkts., 25 cts.

Moonflower, or Evening Glory. (White seeded.) The flowers of this most lovely climber are from 4 to 5 inches in diameter, pure white and very numerous. If started early the plants can be set out early in June, and will continue to bloom from the midsummer till frost. Per pkt., 10 cts. 3 pkts., 25 cts.

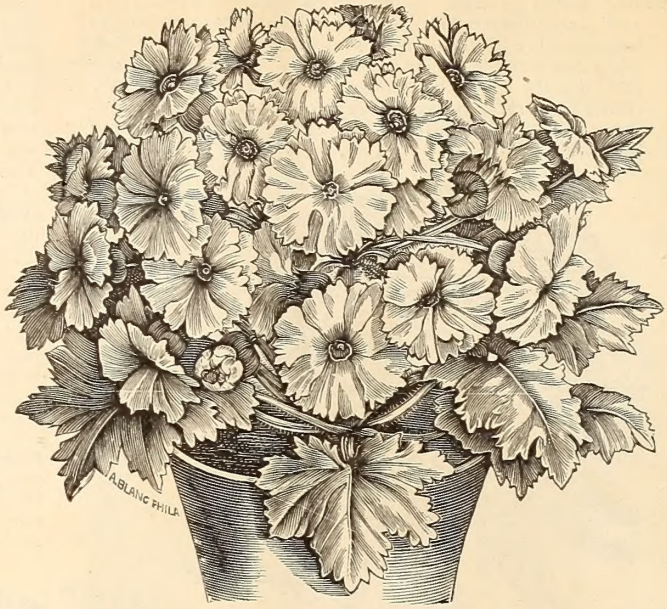
Pansy, New Giant Striped. A splendid new class of striped Pansies, bearing large and beautiful flowers of perfect form and brilliant shading. Per pkt., 25 cts.

Pansy, New Giant Victoria. The first really brilliant red-flowering Pansy. A very distinct new variety of great merit. The flowers are of good size and fine form. Per pkt., 50 cts.

Pansy, New Giant Yellow. The largest flowering and best deep yellow variety. Per pkt., 25 cts.

Primula Sinensis Fimbriata, Blue. This variety requires more heat for its successful culture than the other varieties. Any check to its growth should be carefully avoided. Per pkt., 75 cts.

Sweet Pea, "Miss Blanche Ferry." The combination of colors in this excellent novelty is the same as in the well-known Painted Lady Sweet Pea, but the red is of a richer shade and the two lower petals are often prettily striped with white. It differs, however, from the latter in habit, being somewhat dwarfer, and its flowers are larger and produced in greater profusion; still its principal merit is that it begins to flower fully fourteen days earlier than any of the other Sweet Peas. Especial preference will no doubt be shown to this variety ere long. Per pkt., 10 cts. 3 pkts., 25 cts.



PEARL OF THE WHITES.

Primula Sinensis Fimbriata, "Pearl of the Whites." New variety, a great improvement on the Fimbriata Alba, having much larger flowers of the purest white. This plant is of a compact habit, very vigorous and robust. Per pkt., 75 cts.

Primula Sinensis Fimbriata, "Avalanche." (*New.*) This is a fine variety, which produces plants resembling a pyramid in shape. It is a robust grower. The flowers are of a pure white color, with yellow eye, exquisitely fringed and of good substance. Per pkt., 75 cts.

Primula Sinensis Cristata Hybrida. New variety of exquisite colors, including double and semi-double flowers of white, rose, carmine, crimson and numerous intermediate shades—with a particularly pretty crisped foliage—in all, forming one of the choicest introductions of recent years. Per pkt., 75 cts.

PICTORIAL COLLECTIONS OF POPULAR FLOWER SEEDS

Since we introduced these attractive collections of flower seeds, they have given great pleasure and satisfaction to many of our customers. The collections are composed of such annuals as will produce in succession a fine display of flowers. Each packet bears (on a reduced scale) a beautiful chromo-lithographed portrait of the flower, which is as nearly true to nature as can be made. The packets contain a liberal supply of seed, with cultural directions in English, German and French.

COLLECTION No. 1, Twelve Varieties, 50 cts. COLLECTION No. 2, Eighteen Varieties, 65 cts. COLLECTION No. 3, Thirty Varieties, $1.00.

FREE BY MAIL ON RECEIPT OF PRICE.

PALM SEEDS.

Orders for Palm Seeds will be booked and filled as the various species reach us.

	Per Pkt.
Areca Lutescens, 10 seeds	25
Chamærops Excelsa, 10 seeds	10
—— Humilis, 10 seeds	10
Corypha Australis, 10 seeds	15
Kentia Belmoreana, 8 seeds	25
—— Forsteriana, 8 seeds	25
Latania Borbonica, 10 seeds	25
Musa Ensete, 5 seeds	25
Oreodoxa Regia, 10 seeds	25
Pandanus Utilis, 10 seeds	25
Phœnix Dactylifera, 10 seeds	10
—— Rupicola, 10 seeds	15
Seaforthia Elegans, 10 seeds	15
Thrinax Argentea, 10 seeds	15

Collection of

ELLIOTT'S SUPERB TUBEROUS BEGONIAS

See Page 58

GENERAL LIST OF

FLOWER SEEDS

OFFERED BY

WM. ELLIOTT & SONS

ARRANGED IN ALPHABETICAL ORDER,

In which will be found all those well-merited strains which our long experience has proved to be most suitable for this latitude; as also our Florists' Flower Seeds. All of which are of unsurpassed quality and highest possible selection.

We would call special attention to our choice stocks of **Asters, Carnations, Cinerarias, Calceolaria, Cyclamen, Hollyhocks, Pansies, Petunia, Primula, Verbena, Stocks, etc., etc.**

LIBERAL DISCOUNT ON FLOWER SEEDS IN PACKETS.

It has always been our custom to add a few extra packets of Flower Seeds on orders of one dollar and upwards when accompanied with the cash. As some of our customers may prefer to choose these extra packets themselves, all who remit

$1.00, may select to the value of	$1.15	$4.00, may select to the value of	$4.75
2.00, " " "	2 30	5.00, " " "	6.00
3.00, " " "	3.50	10.00, " " "	13.00

This liberal Premium applies only to Flower Seeds in Packets.

WE DELIVER ALL FLOWER SEEDS FREE to ANY POST OFFICE in the U. S. or CANADA

ABRONIA.

Beautiful trailing plants, with Verbena-like clusters of sweet scented flowers, which continue in bloom a long time, and are excellent for bouquets. Very effective in beds, rockwork, or hanging baskets. Peel off the outer skin of the seeds before sowing. Half-hardy annuals. Per Pkt.

Abronia Umbellata. Rosy-lilac, white center..... 5
—— **Arenaria.** Waxy yellow. Very fragrant..... 5

ABOBRA.

A beautiful rapid-growing climbing gourd, with finely-cut dark green foliage, and small oval, bright scarlet fruit. Roots may be kept like the Dahlia in winter.

Abobra Viridiflora. Half-hardy perennial, 10 ft..... 5

ACROCLINIUM.

One of the most beautiful of the everlasting flowers, excellent for winter bouquets, for which purpose they should be cut when they begin to expand, and carefully dried. Sow in hot-beds and transplant. Annuals, 1 ft.

Acroclinium Album. Pure white..... 5
—— **Roseum.** Bright rose..... 5
—— —— **fl. pl.** Flowers perfectly double.....10

ACACIA.

Charming plants for the greenhouse or conservatory in winter and for garden decoration in summer. Flowers are produced in great abundance on long spikes and are very showy. Per Pkt.

Acacia. Fine mixed varieties.....10

ACANTHUS.

Coarse yet stately herbaceous plants, with striking foliage, flourishing in almost any soil or situation. Hardy perennial.

Acanthus Mollis. Purple and white, 3 ft.....10

ACONITUM.

(MONKSHOOD.)

Ornamental free-flowering hardy plants, succeeding well under the shade of trees. Hardy perennial.

Aconitum Napellus. Blue, 2 ft..... 5

ACHIMENES.

Elegant and free-flowering tuberous-rooted greenhouse plants, combining great beauty with richness and brilliancy of color.

Achimenes. Choice varieties, mixed.....50

ABUTILON

(CHINESE BELL FLOWER.)

Popular and easily grown greenhouse or indoor plants, with drooping bell-shaped flowers, richly veined and striped. Grow rapidly in sandy loam, and are very effective when plunged in the border in summer. Half-hardy shrubs. Per Pkt.

Abutilon. Extra fine Mixed. From new fertilized sorts.....25

ADLUMIA.

(MOUNTAIN FRINGE.)

A beautiful perennial climber, with elegant foliage, resembling the maiden-hair Fern. Sow the seed in May where they are to remain, and they will bloom the following season.

Adlumia Cirrhosa. Pink. Hardy perennial, 10 ft.... 5

ALYSSUM.

The sweet Alyssum has pretty little white flowers, useful in making up in all kinds of small bouquets, and its fragrance, while sufficiently pronounced, is very delicate. The Alyssum grows freely from seed, either under glass or in the open ground.

Alyssum, Little Gem. Distinct, fragrant variety, 4 in. high 10

—— **Sweet.** Hardy annual, 1 ft. Per oz., 40 cts... 5

—— **Benthami Compactum.** This variety grows about 6 inches high and is thickly studded with pure white flower spikes..... 5

—— **Saxatile Compacta.** (Rock or golden Alyssum.) Showy yellow, ¾ ft. Hardy perennial..... 5

AMPELOPSIS.

Ampelopsis Veitchii. (Japanese Ivy.) A gem among the climbers, with most graceful shaped and rich deep-colored foliage, clinging to the merest support; one of the most beautiful. Perfectly hardy. Per oz., 50 cts.....10

AMMOBIUM.

Useful for dried bouquets and winter decorations; a showy border annual. Sow last of May. Succeeds well in any soil. Per Pkt.

Ammobium Alatum. White, 2 ft..... 5

ANEMONE.

(WIND-FLOWER.)

Beautiful hardy perennial, easily grown from seed, flowering early in spring; fine for bouquets.

Anemone Coronaria. (Garden Anemone.) Mixed colors, 1 ft..... 5

ANGELONIA.

A beautiful plant for greenhouse culture in winter or the open border in summer, having long spikes of cup-shaped, very sweet scented flowers. It blossoms the first season.

Angelonia Grandiflora. Violet, spotted white, 1½ ft. 25

AMARANTHUS.

The foliage of these plants is handsome in the extreme. A. Salicifolius, Henderi, and Princess of Wales, form splendid pot plants, and are also very effective for centers of beds and backgrounds of borders. A. Mel. Ruber is a very excellent bedding plant, contrasting well with Golden Feather, Cineraria Maritima, etc. Sow the seed early, and set out last of May, or in June. Annuals.

Amaranthus, Marguerite. Flowers rich purple.....10

—— **Bicolor Ruber.** Scarlet and orange foliage. 2 ft. 5

—— **Caudatus.** (Love Lies Bleeding.) Crimson, 3 ft. 5

—— **Cruentus.** (Prince's Feather.) Scarlet, 3 ft..... 5

—— **Henderi.** Very brilliant foliage; splendid, 3 ft... 5

—— **Melancholicus Ruber.** Dark crimson foliage.... 5

—— **Princess of Wales.** Carmine, orange green, and bright yellow..... 5

—— **Salicifolius.** (Fountain Plant.) Scarlet and purple; one of the handsomest, 3 ft..... 5

—— **Tricolor.** (Joseph's Coat.) Red, yellow, and green foliage, 2 ft. Per oz., 40 cts..... 5

ANTIRRHINUM.

(SNAPDRAGON.)

These hardy perennials, commonly known under the name of Snapdragon, are very serviceable for out-door decoration, producing large and finely formed flowers of brilliant colors. They will bloom early the same season if sown under glass in March and protected a little at first.

Antirrhinum, Majus. Mixed colors, 2 ft..... 5

—— **Tom Thumb.** Finest dwarf varieties mixed, 1 ft. 5

—— Collection of eight separate colors, as imported...50

AGERATUM.

Profuse blooming plants; very showy when planted in clumps or masses. They are invaluable for bouquets, and, if lifted and potted in fall, will bloom all winter in the house. Half-hardy annuals.

Ageratum, Ada Bowman. New. Delicate blue, 1 ft...10

—— **Conspicuum.** White; blooms until frost; fine for bouquets, 1½ ft 5

—— **Lasseauxii.** Very fine rose color, 1½ ft..... 5

—— **Mexicanum Blue.** 1½ ft..... 5

—— **Imperial Dwarf.** Dark blue, 1 ft..... 5

—— —— —— White, 1 ft..... 5

—— **Little Dorrit.** Azure blue; very floriferous.....10

ARMERIA.

(THRIFT, SEA PINK.)

A pretty little hardy perennial plant, very useful for edging.

Per Pkt.

Armeria Maritima. Rosy pink, ½ ft. 10

ASPARAGUS.

(CLIMBING.)

One of the finest of hardy climbers; it has the beautiful feathery foliage of the ordinary Asparagus in the form of a graceful running vine. Invaluable for decorative purposes. Hardy perennial.

Asparagus Broussoneti. Bright red berries, 10 ft. ... 10

ASPERULA.

A profuse blooming hardy plant, well adapted for shaded situations among trees, bearing clusters of fragrant flowers. Admirable for bouquets.

Asperula Azurea Setosa. Light blue. Annual, 1 ft. .. 5

—— **Odorata.** (Woodruff.) White, very fragrant. Perennial, 1 ft. 5

ARISTOLOCHIA.

(DUTCHMAN'S PIPE.)

An exceedingly ornamental hardy climbing plant, with a profusion of massive bright green foliage and flowers resembling a Dutch smoking pipe.

Aristolochia Sipho. Hardy perennial, 30 ft. 10

AURICULA.

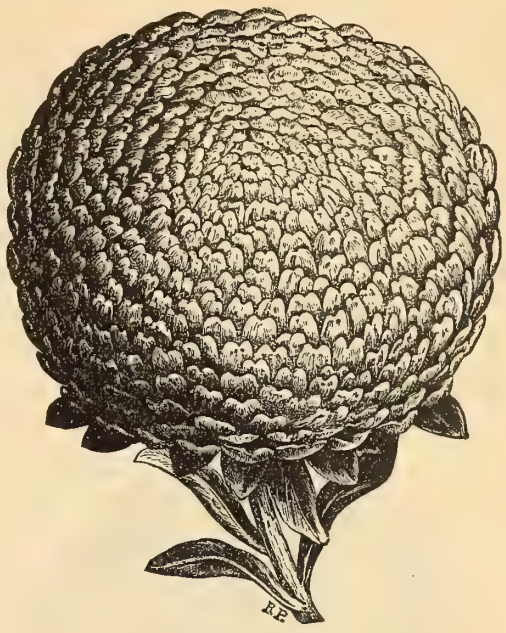
Charming spring out-door and pot plants, succeeding best in partial shade. Half-hardy perennial, ½ ft.

Auricula. (Primula Auricula.) Finest mixed. 25

ARNEBIA CORNUTA.

A charming annual with curious and exceedingly beautiful flowers, of a rich yellow, with five large black spots, the latter changing in the second day to deep maroon, and on the third to clear yellow.

Arnebia Cornuta 25



ASTER.

Of the general beauty of these annual flowers it is unnecessary to mention; the immense world-wide demand for them shows their adaptability for any climate; and coming into blossom, as they do, when most other flowers are fading away, enhances their value. The ground for the cultivation of Asters cannot be too richly prepared, and the plants should never be allowed to receive a check, but should continue to grow on uninterruptedly to produce fine flowers.

Per Pkt.

Aster, Queen of the Market. New. Most useful for cutting. Mixed colors 10

—— **Triumph.** New. (*Dark scarlet and white.*) A very handsome variety of dwarf Asters. 25

—— **Triumph.** New. (*Deep scarlet.*) Flowers of a rich deep scarlet 25

—— **Comet.** New. (*Light blue.*) 25

—— —— (*Deep rose.*) 15

—— —— (*Pink bordered white.*) 25

—— **Dwarf Pyramidal Pearl.** New. In two colors. (*White.*) 25

—— —— (*Pink.*) 25

—— **Non Plus Ultra.** New. Beautifully imbricated flowers of an extremely large size. In two colors. (*Crimson.*) 25

—— —— (*White.*) 25

—— **Truffaut's Pæony Perfection.** Finest mixed. Very double, large and fine shape, 1½ ft 10

—— —— (*Pure white.*) 10

—— —— (*Crimson.*) 10

—— **Victoria.** Finest mixed. Large, beautifully imbricated and pyramidal in form, 1½ ft 10

—— —— (*Snow white.*) 10

—— **Dwarf.** Finest mixed 10

—— **Washington.** Finest mixed. Splendid; extra large flowering, and very double, 2 ft. 15

—— **Lilliput.** Pure white. Small flowers in great abundance, excellent for cutting 15

—— **Mignon.** Pure white. Beautiful variety, resembling in form the Victoria race, but more free flowering 15

—— **Betteridge's Quilled.** Finest mixed. Perfectly double quilled flowers, 1½ ft. 5

—— **Boltze's Dwarf Bouquet.** Finest mixed. Very profuse in bloom, ¾ ft. 10

—— **Dwarf Chrysanthemum-Flowered.** Finest mixed. Large flowers; free bloomer, ¾ ft 10

ASTER—*Continued.*

Per Pkt.

—— **Cocardeau or Crown.** Finest mixed. Center of flowers white, with brilliant colors outside . 10
—— **German and French.** Finest double mixed from the best imported varieties. Per oz., $1 00....10
—— **China.** Fine mixed. Per oz., 75 cts..... 5

COLLECTIONS OF GERMAN ASTERS.

(As Imported.)

Victoria, in twelve separate colors.....$1 00
Truffaut's Pæony Perfection, twelve separate colors...75
Washington, six separate colors..... 75
Betteridge's Quilled, twelve separate colors 75
Dwarf Chrysanthemum-Flowered, twelve separate colors 75
Cocardeau or Crown, six separate colors.....50

AQUILEGIA.

(COLUMBINE.)

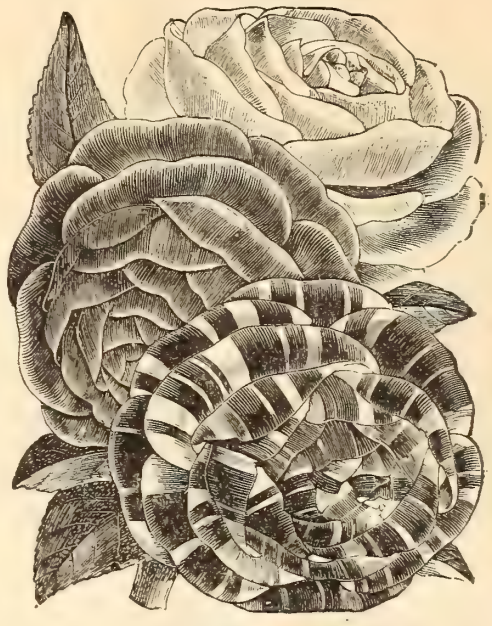
This pretty and interestingly varied genus of plants scarcely meets with the amount of consideration it deserves. When fully established, the Aquilegias will stand frost well, and the earliness and abundance of their blooms ought to render them general favorites. Many of the varieties are extremely beautiful. Hardy perennials.

Aquilegia Californica Hybrida. Large pale yellow flowers with dark orange spurs..... 15
—— **Chrysantha.** Golden yellow, fine.... 10
—— **Cærulea Hybrida.** One of the most beautiful species..... 15
—— **Glandulosa Vera.** Very large erect dark blue flowers tipped with white; beautiful.....15
—— **Skinneri.** Scarlet, tipped with yellow, very handsome species ... .10
—— **Vulgaris fl. pl.** Fine double varieties, mixed.... 5

AZALEA.

Evergreen shrubs, universally admired for their beautiful flowers, which are produced in great profusion.

Azalea Indica. Finest mixed. Greenhouse evergreen shrubs; flowers very beautiful.....25
—— **Pontica.** Finest Ghent varieties. Hardy deciduous shrubs, producing flowers of surpassing beauty and all conceivable colors.....25



BALSAM.

(LADY'S SLIPPER.)

Very showy and attractive, producing, in profusion, masses of most beautiful and brilliant colored flowers. They require an exceedingly rich soil to be grown to perfection.

Per Pkt.

Balsam, Double. Splendid mixture of choicest varieties. Per oz., $1 50 10
—— —— Fine mixed. Per oz., 50 cts..... 5
—— —— **Pure White.** Well adapted for florists, for bouquets; nearly every flower is perfectly double, and pure white 10
—— **Elliott's Double White Perfection.** A special strain of perfectly double, round, large blossoms of great solidity..... 25
—— **Double Dark Red.** A very double dark red variety, highly recommended.....10
—— —— **Solferino.** Satiny white, streaked and spotted with crimson and lilac 10
—— —— **Collection of 12 separate colors**.....1 00
—— —— **Collection of 6 separate colors**.....50

BALLOON VINE.

(CARDIOSPERMUM.)

A very pretty and rapid growing climber, succeeding best in a warm situation. It produces a very curious inflated capsule, from which it derives the name of Balloon Vine.

Cardiospermum Halicacabum. White, 6 ft 5

BARTONIA.

A showy flowering plant, producing a profusion of fine, bright metallic-yellow blossoms, about two and a half inches across. The leaves are thistle-like, and dark green, covered with down. Annual, 1 ft.

Bartonia Aurea. Golden yellow 5

BIDENS.

A beautiful composite, producing rich purple-black flowers in great profusion.

Bidens Atrosanguinea. Purple-black, 2 ft.....10

BEGONIA.

A beautiful class of plants for the greenhouse, conservatory or parlor, producing brilliant colored flowers in great profusion, the effect of which is heightened in many of the varieties by the beauty of their charming foliage. Succeed well in a moist, shady border, or in masses on lawns. Readily grown from seed. The tubers should be kept warm and dry during winter.

Per Pkt.

Begonia, Laing's Gold Medal Hybrid. These tuberous Begonias have attained a world-wide reputation. Seed of this unrivaled collection procured direct. Single, choicest mixed 50
Double, choicest mixed 75
—— **Sharffiana.** New. Large, pure white flowers. Distinct.....25
—— **Double Mixed.** (Tuberous rooted.) Saved from the very finest hybrids.....50
—— **Single Mixed.** (Tuberous rooted.) From finest single varieties.....25
—— **Hybrida Gigantea.** The greatest perfection attained as yet amongst the tuberous rooted Begonias. The beautiful flowers are of an unusually large size, measuring from four to six inches across 50
—— **Rubra.** A splendid winter flowering variety, bearing flowers of scarlet rose, glossy and waxlike; most beautiful and distinct.....25
—— **Rex.** Ornamental leaved varieties, extra mixed..50
—— Collection of twelve distinct varieties.....1 50

BOCCONIA.

Stately evergreen shrubs, with ornamental foliage; well adapted for lawns, either singly or in groups, they will require some protection through the winter, by straw or mulch. Easily cultivated in loamy soil, and increased from seed and cuttings in sand, in gentle heat under glass.

Bocconia Japonica. Splendid foliage and clusters of pure white flowers, 4 to 6 ft.....10

BRACHYCOME.

(SWAN RIVER DAISY.)

Very pretty low growing plants, fine for borders, rustic work or pot culture, covered during summer with a profusion of Cineraria-like flowers. Half-hardy annual.

Brachycome Iberidifolia. (Swan River Daisy.) Mixed blue and white, ½ ft.....10

BELLIS.

(DOUBLE DAISY.)

Charming little plants for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Not all will come double from seed, and the single ones should be pulled out. Sow early in hot-bed, and when large enough, transplant to a rich, cool, partially shaded situation. Set the plants six inches apart. Roots can be divided any time. Flowers are most abundant in spring.

Per Pkt.

Bellis Perennis fl. pl. Snowball. New pure white double Daisy.....25
—— —— Finest mixed, ¼ ft.....15
—— —— **Alba fl. pl.** Pure white double Daisy.....15
—— —— **Rubra fl. pl.** Double red quilled 25
—— —— **Longfellow.** A fine large flowering double Daisy, with dark rose flowers 25

BROWALLIA.

Free flowering plants growing easily in any rich soil, and covered with beautiful flowers during the summer and autumn months. Half-hardy annual, 1½ ft.

Browallia Czerwiakowski. Deep blue, very fine center.....10
—— **Elata Grandiflora.** Sky blue.....5

BRYONOPSIS.

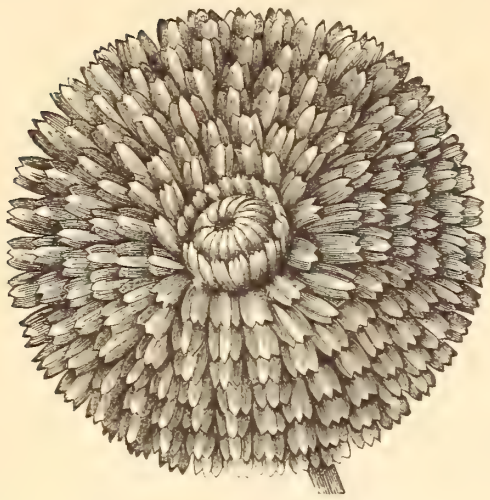
A pretty climber, with ivy-like foliage and beautifully marked green fruit, which changes to bright scarlet marbled white. Half-hardy annual.

Bryonopsis Erythrocarpa. 10 ft.....10

CALCEOLARIA.

A favorite and universally admired genus, remarkable for their large, beautifully spotted blossoms, which are very showy. They are perennial, are grown in pots in the conservatory, greenhouse and garden. Sow the seed in August or September, for early flowering, in a light, rich compost. Tender perennials.

Calceolaria Herbaceous. (Williams' superb strain.) Enormous flowers of exquisite and varied colors. 75
—— **Hybrida Grandiflora.** Flowers of immense size; seed saved from finest specimens..25 and 50
—— —— **Pumila Tigrina.** Large flowered dwarf, finest mixed.....25 and 50
Rugosa. Shrubby, finest mixed. Saved from the best shrubby bedding varieties only.....50



CALENDULA.

(GARDEN MARIGOLD.)

Showy, free-flowering, hardy annuals, producing a fine effect in beds or borders, and flowering very late in the autumn. Extensively used by florists; grow well in any good garden soil.

Per Pkt.

Calendula Officinalis Le Proust. Double; nankeen colored; 1½ ft. Per oz., 50 cts..... 5
—— —— **Meteor.** Double; light orange striped flowers. 1½ ft. Per oz., 50 cts..... 5
—— —— **Prince of Orange.** Double; deeper orange than "Meteor." 1½ ft. (See Cut.).....10
—— **Pongei fl. pl.** A white hybrid Marigold, with double flowers, 1 ft..... 5

CACALIA.

(TASSEL FLOWER.)

Free-growing, profuse flowering plants, with tassel-shaped flowers. Hardy annual, 1½ ft.

Cacalia. Mixed colors..... 5

CALAMPELIS.

(ECCREMOCARPUS.)

A quick-growing climber, attaining a height of 10 feet in a season, and bearing profusely clusters of orange colored tube-like flowers. Half-hardy annual.

Calampelis Scaber.....10

CALANDRINIA.

Very beautiful free-flowering plants, well adapted for rock-work, or any dry, hot situation. Hardy annual.

Calandrinia. Fine mixed, ½ ft..... 5

CAMPANULA.

(BELL FLOWER.)

Beautiful, well-known plants, characterized by the richness of their colors and profusion of their bloom. They include the favorite Canterbury Bells, which are among the most attractive border plants. Light rich soil. Hardy biennials.

Campanula Carpatica. Blue and white mixed, 1 ft.. 5
—— **Medium.** (Canterbury Bell.) Flowers large, plant 2 feet in height; single varieties mixed..... 5
—— —— **Calycanthema.** A new and beautiful variety 10
—— —— **Double varieties mixed**..... 5

CALLIRHOE.

A very pretty genus of plants, growing from 2 to 3 feet high. They commence to flower when very small, and continue a mass of bloom all summer. Hardy annuals.

Per Pkt.

Callirhoe Pedata. Rich violet-purple, white eye..... 5
—— **Involucrata.** A trailing variety, with large rich crimson-purple flowers..... 5

CANARY BIRD FLOWER.

(TROPAEOLUM CANARIENSE.)

A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. The plant has a fine, luxuriant, rambling character, and if the seeds are planted by the side of an arbor or trellis, to run upon, it will run 20 feet high, and blossom from July till frost comes. The flowers will be more numerous and brilliant in light, moderately rich soil. Tender annual; 20 ft. high.

Canary Bird Flower..... ..10

CERASTIUM.

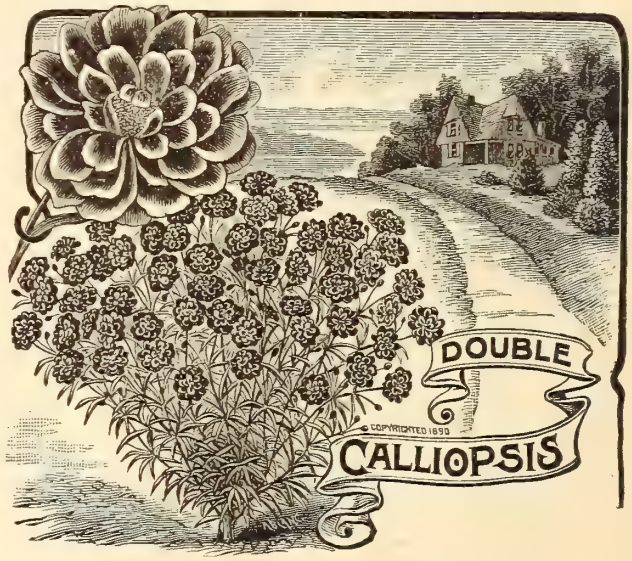
Dwarf-growing, white foliage plants, well adapted for edgings or for mixing with plants with dark foliage.

Cerastium Biebersteinii. Silvery foliage, ½ ft.....10

CHAMÆPEUCE.

Ornamental Thistle, with variegated downy leaves and curious spines.

Chamæpeuce Casabonæ. (Fish-bone Thistle.) Glossy dark green leaves and brown spines.....10



CALLIOPSIS OR COREOPSIS.

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as soon as they appear, the plant will remain in bloom much longer. Sow where they are to remain and thin to 2 feet apart. Hardy annual, 2 ft.

Calliopsis Lanceolata. Flowers large, of a bright golden yellow. Invaluable for cutting.....10
—— **Golden Wave.** Bushy and compact, covered with hundreds of beautiful golden blossoms ...10
—— **Elliott's New Double.** Charming double variety.....10
—— Fine mixed varieties. Per oz., 50 cts..... 5

CARNATION.

A magnificent class of popular favorites, most of which are deliciously fragrant, and with colors extremely rich and beautiful. The seed we offer is from the finest collection in Europe, and will produce many double flowers, and amongst them many choice novelties.

Per Pkt.

Carnation. Choice mixed, saved from choicest double flowers, very select, 1½ ft. ..... .50
—— **Fine Double German.** From named flowers ..... .25
—— **Good Mixed.** For border culture ..... .10
—— **Perpetual, or Tree.** Saved from choicest double flowers ..... .50
—— **Picotee.** Edges of petals bordered with various colors; mixed colors 50
—— **Double Grenadin.** A splendid variety for florists; very early, charming, brilliant scarlet flowers. Exceedingly valuable for making bouquets ..... .25
—— **Collection of 12 beautiful varieties** 1 00

CANNA.

(INDIAN SHOT.)

Fine foliage plants of a highly decorative character; their handsome leaves combined with their varied and richly colored flowers have an extremely fine effect. They are easily raised from seeds sown under glass. The roots are better for being left in the ground, but they must be thoroughly protected during the winter. Half-hardy perennials. Previous to sowing, soak the seed in hot water for about twelve hours.

Canna, Crozy's New Dwarf. Flowers of unusual size and brilliancy. 3 to 4 ft. high. Very desirerable for planting in centers of Coleus beds ... .15
—— Fine mixed, 4 to 6 ft. Per oz., 40 cts 5
—— Dark-leaved varieties, mixed. Per oz., 50 cts .... .10
—— Collection of twelve varieties ..... .75
—— —— —— Six dark-leaved varieties ..... .50

CASTOR OIL BEAN. (See Ricinus.)

CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April, flower from July to September, and some of the sorts till frost comes. All the varieties are hardy, and easy to cultivate. Single plants transplanted look well, and bloom profusely. Hardy annuals, 1 ft. high.

Per Pkt.

Candytuft. Empress, distinct, candelabra shaped branches, bearing immense pyramids of pure white bloom ..... .10
—— **New Carmine.** Distinct and beautiful 5
—— **Improved White Rocket.** Fine for florists. Per oz., 30 cts 5
—— **Crimson.** Very beautiful. Per oz., 30 cts 5
—— **Purple.** Fine dark. Per oz., 30 cts 5
—— **Fragrant.** White. Per oz., 30 cts 5
—— **New Hybrid Dwarf.** Fine mixed ..... .10
—— **Tom Thumb.** White. Forms a dwarf compact cluster of clear white flowers ..... .10
—— **Fine Mixed.** Per oz., 25 cts 5
—— —— **Hardy Perennial.** (Iberis sempervirens.) Pure white ..... .10

CASTILLEJA.

A very ornamental plant from Texas, with brilliant deep crimson scarlet bracts. It presents a magnificent appearance and is one of the most effective of recent introductions.

Castilleja Indivisa. Half-hardy annual, 1½ ft. ..... .25

CELOSIA.

Very singular, attractive and showy plants, producing magnificent spikes of beautiful feathery-looking flowers. They succeed well in the garden, if planted out in June. Graceful and beautiful half-hardy annuals.

Celosia Argentea. Long spikes of silvery-white, shaded with flesh color; splendid ..... .10
—— **Auerea Pyramidalis.** Bright golden spikes in pyramidal form; exceedingly beautiful ..... .10
—— **New Crimson Feathered.** Crimson spikes; beautiful ..... .10
—— **Pyramidalis Plumosa.** Beautiful long plumes, pyramidal in form, of red, yellow, violet, etc.; very striking ..... .10
—— **Huttoni.** Bushy habit, pyramidal form, profusely branched, each leading branch being tipped with a small spike of bright crimson flowers ..... .10
—— **Cristata.** (See Cockscomb.)

CENTAUREA.

An exceedingly interesting genus of plants, embracing annuals, biennials and perennials. Some of the varieties are magnificent foliage plants, while others are noted for their beautiful flowers. All the kinds named below are worthy of cultivation.

Per Pkt.

Centaurea Cyanus, fl. pl. (Double flowered Cornflower.) Highly recommended for its exquisite shades of color, valuable as an ornamental plant 15

—— **Gymnocarpa.** Silvery-gray foliage; drooping habit, very graceful. Per oz., $1.00.....10

—— **Candidissima.** Fine ornamental plant of great beauty. Silvery-white, deeply cut foliage.....15

—— **Clementei.** Foliage white, deeply cut and altogether very beautiful 10

—— **Americana.** Hardy annual, 2 ft. in height, and of strong, robust growth; flowers deep red; very pretty..... 5

—— **Cyanus.** Cornflower, mixed, hardy annual..... 5

—— **Moschatus.** (See Sweet Sultan)..... 5

CHRYSANTHEMUM.

The annual varieties are exceedingly pretty, but are not so well known or cultivated as they deserve. They are bright, cheerful and free bloomers, easy and rapid in growth, and merit a prominent place in every annual garden; they are also good for ordinary bouquet cutting. All the annual Chrysanthemums make beautiful pot plants if sown in cold frames, and pricked off singly into 6-inch pots. They are perfectly hardy.

Chrysanthemum, Segetum Grandiflorum. The golden Marguerite, large bright yellow flowers.....10

—— **Multicale.** New dwarf bedding variety, 3 to 4 inches high, golden yellow flowers.....15

—— **Lord Beaconsfield.** Crimson, maroon edged and striped gold, brown eye, ringed yellow....10

—— **The Sultan.** Crimson, maroon center, a wide gold ring..... 10

—— **W. E. Gladstone.** A pure, brilliant, rich crimson.....10

—— **Tricolor.** White, with yellow band, very pretty, 1 ft 5

—— **Burridgeanum.** White center, crimson band, beautiful, 1 ft..... 5

—— **Carinatum Eclipse.** Pure golden with a bright purplish scarlet ring and dark brown disc, very striking.....10

—— **Venustum.** Crimson center, white band, handsome 5

—— **Coronarium, Double Yellow.** Handsome border plant, 2 ft..... 5

—— —— **Double White.** Very showy, 2 ft..... 5

CHRYSANTHEMUM—*Continued.*

Per Pkt.

—— **Mixed Annual Varieties.** Per oz., 50 cts..... 5

THE FOLLOWING VARIETIES ARE FOR POT CULTURE, FOR BLOOMING IN THE HOUSE IN WINTER, AND FOR FLORISTS, FOR CUTTING FOR BOUQUETS.

—— **Indicum, fl. pl.** Half-hardy perennial; very double, mixed colors 25

—— **Japonicum, fl. pl.** (New Japanese variety.) Flowers of very peculiar form and much beauty, combining numerous shades of color. Very interesting. Half-hardy perennial..... ..25

—— **Inodorum Plenissimum.** Dwarf growing, double white variety, very free flowering and beautiful for pot culture. 10

—— **Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale. It produces freely its white star-like flowers under the most unfavorable conditions 10

—— **Choice Hybrids.** Raised from the finest Japanese and Chinese sorts, and produce a choice assortment of rich and varied hues.....50

CLARKIA.

A very desirable hardy annual for bedding purposes; growing freely and blooming profusely in any common garden soil.

Clarkia Pulchella. Fine mixed. Per oz., 40 cts..... 5

CLEMATIS.

(VIRGIN'S BOWER.)

Hardy climbing plants of great merit, rivaling the Passion Flower in their gorgeous beauty. No class of climbing plants will better repay a little care—a slight covering of leaves or litter being necessary to withstand our severest winters. The seed is slow to germinate.

Clematis Flammula. A beautiful white fragrant French variety..... 10

—— **Jackmanii.** Choicest mixed..... 10

COLEUS.

One of the most popular foliage plants. It is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. Half-hardy perennial.

Coleus. Seed saved from new and beautiful hybrids..25

CLIANTHUS.

(AUSTRALIAN GLORY PEA.)

One of the most beautiful plants in cultivation, about 3 feet in height, with neat compound leaves, and drooping clusters of large, rich scarlet, long-petaled, pea-shaped flowers, 3 inches in length, something similar to the splendid blossoms of the Coral Tree, each flower being picturesquely marked with a large, black, cloud-like blotch in front. To grow this splendid plant successfully in the open air, it should have a dry, sunny exposure, and should never be watered. Magnificent flowering shrub.

Per Pkt.

Clianthus Dampierii. Scarlet and black.....25

COBÆA.

A fine rapid-growing climber, producing large purple bell-shaped flowers, and growing best in a warm, sunny situation. In sowing, the seed should always be placed edgewise.

Cobæa Scandens. Purple, annual, 20 ft., per oz., $1 50.....10

COLLINSIA.

An exceedingly pretty, free flowering hardy annual, remarkably attractive in beds, mixed borders, or ribbons.

Collinsia. Finest mixed varieties, 1 ft 5

CINERARIA.

A favorite greenhouse plant, with great variety of beautiful colors, blooming through the winter and spring months. Seed should be sown in September or October; when large enough, potted in an equal mixture of loam, leaf-mold, and sand, and in February repotted in a stronger soil.

Cineraria. (Willams' Extra Choice Strain.) Imported; produces extremely fine flowers of diverse colors and magnificent form.....75

—— **Hybrida Grandiflora Kermesina.** New, intense glowing velvety dark crimson, double petals....50

—— **Hybrida.** Fine mixed varieties, striking colors, 1½ ft 25

—— —— **Extra.** From magnificent large-flowered varieties, 1½ ft.....50

—— —— **Double-flowering.** A great acquisition. The flowers are perfectly double, comprising all shades of color peculiar to the Cineraria.....50

—— **Maritima Candidissima.** Extremely handsome, silvery-white foliage; very ornamental as a decorative pot plant, or for bedding purposes.....10

COCKSCOMB.

(CELOSIA CRISTATA.)

Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cockscomb. To produce fine combs, the soil cannot be too rich, and the plants should be forwarded in hot bed, though showy plants may be raised from seed planted in open ground in May. The oftener they are transplanted or shifted, the larger and more beautiful they grow.

Cockscomb, Dwarf Mixed.....10

—— **Glasgow Prize.** An improved variety, producing large blooms of dark crimson 10

—— **Empress.** This new variety produces combs of colossal proportions; flowers have been grown measuring 45 inches from tip to tip; rich velvety crimson.....25

—— **Japanese.** (Celosia Japonica.) A branching variety of great beauty 10

—— **Collection of six separate sorts** 50

COWSLIP.

A well-known, free-flowering, hardy perennial, flowering profusely during early spring.

Cowslip. (Primula Veris.) Fine English mixed, 9 inches 5

CONVOLVULUS.

A beautiful class of trailing annuals, some of which produce flowers of wondrous beauty. Useful for verandas, lattice, etc., growing freely in any good garden soil.

Per Pkt.

Convolvulus Minor Tricolor. Rich, violet-purple with white center; trailer. Hardy annual, 1 ft 5

—— **Mauritanicus.** Hardy trailing plant, about 1 ft. high, produces an abundance of rich, satiny, lavender blossoms, fine for baskets, etc.....10

—— **Major.** (See Morning Glory.)

COSMOS HYBRIDUS.

Makes very large plants, growing 5 to 7 ft. high, which are beautiful masses of the most elegant foliage, until they begin to bloom in September, when each plant will have hundreds of large, showy blossoms. Both foliage and flowers are excellent for cutting. Sow seed early in spring and transplant to the garden in June.

Cosmos Hybridus. Mixed colors.....10

CYCLAMEN.

One of the handsomest greenhouse or parlor plants. The seed should be sown in spring, and by autumn will produce a bulb, which if potted and placed in conservatory or greenhouse, will blossom the following spring. Propagated only from seed.

Cyclamen Persicum, Giganteum Album (Williams). Flowers pure white, good substance.....50

—— —— —— **Rubrum** (Williams). Delicate rose, changing to bright crimson at the base 50

—— —— —— **Sanguineum.** Deepest shade of blood-red imaginable.....50

—— —— **Giganteum.** A very large and greatly improved variety; the flowers measure 2 to 2½ inches in length, and are of fine form, with very broad, massive petals.....50

—— —— **Giganteum Compactum.** A very profuse bloomer; the petals are very large and of great substance, pure white with a deep purplish base.75

—— —— **Albert Victor** (Williams). Very distinct and effective; flowers of an intense brilliant crimson carmine hue 50

—— —— **Crimson King** (Williams). Beautiful new variety; a brilliant crimson, deepening at the base to dark red.....50

—— —— **White and Pink,** with beautiful variegated foliage.....25

—— —— **Williams' Superb Strain.** In original packets. Mixed 50

CUCUMIS.

An ornamental Cucumber, remarkable for the luxuriance and rapidity of its growth. Treat the same as the ordinary Cucumber, and train against a wall or trellis.

Per Pkt.

Cucumis Flexuosus. Snake Cucumber, 3 ft. long....10

CUPHEA.

(CIGAR PLANT.)

A free-flowering, neat, half-hardy perennial, well adapted for either the conservatory or flower border.

Cuphea Platycentra. Scarlet, black and white, 1 ft..10
—— **Roezlii.** Pyramidal formed; flowers yellow and red.....10

CYPERUS.

UMBRELLA PLANT.

A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. The leaves are striped with white, giving the plant a distinct appearance. Half-hardy perennial, 1 to 2 ft.

Cyperus Alternifolius Variegatus.....15

CYPRESS VINE.

(IPOMŒA QUAMOCLIT.)

Among the most beautiful climbing plants which adorn the flower garden. The dark green, very graceful, fern-like foliage, thickly studied with brilliant starry flowers, is very effective. Half-hardy annuals.

Cypress Vine, Crimson. Very brilliant, 15 to 20 ft... 5
—— —— **White.** Beautiful and graceful, 15 ft..... 5
—— —— **Ivy-Leaved.** Ivy shaped leaves and scarlet flowers.....10
—— —— **Mixed.** Per oz., 50 cts..... 5

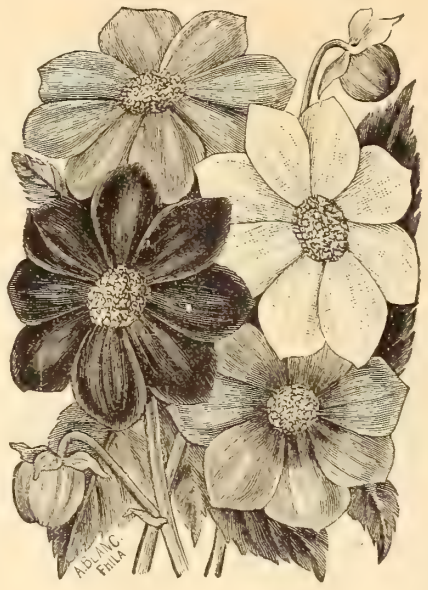
DIANTHUS.

A magnificent genus, embracing the well-known Carnation, China Pink and Sweet William. They produce rich and varied colored flowers, and are remarkably attractive in beds or masses.

Dianthus Chinensis. (China or Japan Pink.) Finest double mixed. Hardy annual, 1 ft. Per oz., 50 cts..... 5
—— **Heddewigii.** "The Bride." A new and charming variety of Japan Pinks, with large fine white flowers with velvety purple center.....10
—— **Heddewigii fl. pl.** (Double Japan Pink.) Very beautiful mixed colors. Hardy annual, 1 ft...10
—— —— **Diadematus.** (Double Diadem Pink.) This is of denser growth than the Heddewigii, and of dwarfer habit. Very regular, densely double, and of tints from crimson purple to deep black purple.....10
—— **Imperialis fl. pl.** (Double Imperial Pink.) Fine mixed. Hardy annual..... 5
—— **Laciniatus.** A beautiful fringed variety; various colors. Hardy annual, 1 ft..... 5
—— —— **fl. pl.** A double variety of the preceding...10
—— **"Eastern Queen."** Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty..10
—— **"Crimson Belle."** As its name implies, is of a rich crimson color; flowers of a very large size and substance, evenly and finely laciniated.....10

PERENNIAL VARIETIES.

Dianthus Gardnerianus. Various colors. Hardy.....10
—— **Barbatus.** (See Sweet William.) Fine mixed, 1 ft.10
—— **Plumarius.** (Pheasant-eye Pink.) Very fragrant. Hardy perennial, 1½ ft.....10
—— —— **Scoticus fl. pl.** (Paisley, or Florists' Pink)..50



DAHLIA.

One of our best autumn flowering plants; blooms until killed by frost; half-hardy perennial, blooming the first year from seed if sown early.

Per Pkt.

Dahlia Double. Saved from the choicest varieties....10
—— —— **Lilliput.** Dwarf, choicest mixed.....10
—— **Single.** The new varieties are exceedingly beautiful and are highly prized for cut flowers. The seed we offer was saved from splendid new varieties, which for brilliancy of color cannot be surpassed; if sown early in spring they will flower in August. Finest mixed.....10
—— —— **Gracilis** (new). Striped and spotted flowers, extra large, flaked and mottled in various brilliant colors.....10
—— —— **Comet.** Dark scarlet.....15
—— —— **White Queen.** Pure white.....15
—— —— **Yellow Gem.** Pure yellow.....15
—— —— **Collection of 6 varieties**.....50

DATURA.

(TRUMPET FLOWER.)

Very ornamental plants, with trumpet-shaped, double, white, yellow and purple flowers, which produce a fine effect in large clumps or borders of shrubbery. Annuals.

Datura. Mixed varieties, 2 ft.....10

DELPHINIUM.

A class of hardy perennials, remarkable for their great beauty and highly decorative qualities. The principal color is light blue, and the various shades to the darkest purple, also scarlet and white.

Delphinium Brunonianum. (Musk-scented Larkspur.) New species of a peculiar shade of light blue, emitting a powerful odor of musk.....25
—— **Cashmerianum.** Very fine, dark blue, Monk's Hood-like flowers, 1½ ft.....10
—— **Nudicaule.** Scarlet, 1½ ft.....10
—— **Formosum.** Rich blue and white, a favorite variety, 3 ft..... 5
—— **Chinensis.** Double mixed, 2 ft..... 5

DODECATHEON CLEVELANDI.

(NEW GIANT AMERICAN COWSLIP.)

A beautiful perennial from California, producing flower stems 1 foot high, surmounted with 6 to 10 large Cyclamen-like flowers of violet blue, with yellow and black center. It is quite hardy, and luxuriates in partially shaded situations.

Per Pkt.

Dodecatheon Clevelandi.....20

DIGITALIS.

(FOXGLOVE.)

Ornamental plants of much beauty, producing dense spikes of flowers on stems 3 to 5 feet high. The blossoms are thimble-shaped, purple, white and spotted, and very striking. Seed can be sown in spring or autumn, and large roots can be divided. Blossom the second season. Hardy biennial.

Digitalis, Ivery's new Spotted. Great improvement on the old sort; an endless variety of colors; robust, strong and hardy.....10

—— **Splendid Mixed,** 3 ft..... 5

DOLICHOS.

(HYACINTH BEAN.)

A very ornamental and rapid-growing climber, with dense foliage and handsome purple and white flowers. Tender annual.

Dolichos Lablab, Purple. Per oz., 40 cts 5

—— —— **White.** Per oz., 40 cts..... 5

DRACÆNA.

(CORDYLINE.)

Well-known ornamental greenhouse plants, with elegant foliage, invaluable for decorative purposes.

Dracæna Indivisa. Green and bronze, narrow leaves.25

—— **Australis.** Wide green foliage.....25

ERICA.

(CAPE HEATH.)

Charming evergreen greenhouse shrubs, flowering most profusely. Sow in peat, in frame, pit or cool greenhouse.

Erica Capensis. Finest mixed.....15

ECHEVERIA.

Interesting greenhouse succulents, with racemes of scarlet and yellow flowers. They are also largely used for carpet bedding.

Per Pkt.

Echeveria Metallica. Large, orange-colored blossoms on spikes 12 to 15 inches high..... 25

—— **Secunda Glauca.** Small, compact-growing, glaucous variety, with free-flowering, scarlet and yellow racemes of bloom; very fine.....50

ERYTHRINA.

(CORAL PLANT.)

A splendid half-hardy shrub, with beautiful brilliant scarlet pea-shaped flowers. Cut down close to the ground before frost, and protect in a dry cellar during winter.

Erythrina Crista Galli. Scarlet.....25

EXACUM.

A new dwarf biennial, forming dense bushes about 6 inches high, with numerous clusters of beautifully fragrant lilac flowers.

Exacum Affine. Half-hardy annual.....10

EUPATORIUM.

A very pretty herbaceous plant, with bunches of showy white flowers, fine for bouquets. Hardy perennials.

Eupatorium Fraserii. White, 2 ft.....10

EUPHORBIA.

A very showy plant for border or pot culture, foliage beautifully veined and margined with white. Sometimes called "Mountain of Snow."

Euphorbia Variegata. Hardy annual, 1½ ft..... 5

ESCHSCHOLTZIA.

(CALIFORNIA POPPY.)

Hardy annuals, remarkable alike for their profusion of bloom and beautiful bright colors.

Eschscholtzia Californica. Bright yellow, rich orange center, 1 ft..... 5

—— **Mandarin.** A new and very beautiful variety. The outer side of the petals are brilliant scarlet, the inner side rich orange.....10

—— **Crocea fl. pl.** A double flowering variety, flowers bright orange scarlet, shading off to salmon red. An abundant bloomer. (See cut.).....10

—— **Rose Cardinal.** The flowers are of a rich rose-colored hue, most effective and beautiful.....10

EUCALYPTUS.

Blue Gum Tree of Australia, besides being ornamental for sub-tropical gardening while young, it has a powerful influence in destroying the malarious agency which is supposed to cause fever in marshy districts.

Per Pkt.

Eucalyptus Globulus. (Blue Gum or Fever-destroying Tree.) Per oz., 50 cts. ..... .10
—— **Collection of 6 varieties.** ..... .60

FENZLIA.

Charming dwarf half-hardy annual, suitable for pots, vases, edgings, etc.; the plant is covered with brilliant rose-pink flowers.

Fenzlia Dianthiflora. Pink, 6 inches ..... .10

FERNS.

The seed offered is saved from a large collection of very elegant and interesting varieties. Graceful foliage plants.

Ferns. Finest mixed varieties ..... .25

FEVERFEW. (See Matricaria.)

FORGET-ME-NOT. (See Myosotis.)

FOUR O'CLOCKS. (See Marvel of Peru.)

FUCHSIA.

Fuchsias are easily grown from seed, and many improved varieties are obtained in this way; our seed has been saved from a choice collection.

Fuchsia Single Mixed ..... .25
—— **Double.** Mixed ..... .25

FRAGARIA.

(CHINESE STRAWBERRY.)

Pretty, hardy herbaceous creeper, with beautiful yellow blossoms and bright red fruit, like small strawberries. Elegant for rock-work or hanging baskets. Seed should be sown very early in the house, and plants transplanted.

Fragaria Indica ..... .10

FRAXINELLA.

The Dictamnus Fraxinella is a hardy perennial, forming a bush about 2 feet in height, of a very neat habit, both in foliage and flower. The flowers are produced on racemes often a foot or more in length; though odd in appearance, are very handsome and quite fragrant.

Dictamnus Fraxinella. Red and white mixed ..... .10

GERANIUM.

(PELARGONIUM.)

Well-known favorites; indispensable for in-door and out-door decoration. The seed we offer having been saved from first-class varieties, the amateur has a fair chance of raising many charming novelties.

Geranium, Large-Flowered Pelargonium. Show varieties. Extra mixed .. .. .25
—— **Apple-Scented.** A favorite variety ..... .25
—— **Double.** Finest mixed. ..... .25
—— **Zonale.** Finest mixed. ..... .10
—— **New Golden and Bronze.** A prize strain ..... .25

GENTIANA.

Dwarf-growing perennial, with beautiful blue flowers, excellent for edging or rockeries.

Gentiana Acaulis. Dark blue, 3 in ..... .10

GAILLARDIA.

Showy and universally admired perennials, flowering the first year, and among the gayest ornaments of summer flower beds. The Gaillardias make charming plants grown in pots.

Per Pkt.

Gaillardia Grandiflora Superba. Splendid new variety, dark red, with bright yellow border ..... .10
—— **New Perennial Hybrids.** Flowers much larger than the older sorts and colors more brilliant and varied ..... .10
—— **Grandiflora Hybrida.** Rich crimson and yellow .. 5
—— **Picta Lorenziana.** One of the most useful annuals both for bedding and cutting. Saved from the finest double flowers of different shades varying from sulphur-yellow to purple ..... .10

GEUM.

Free-blooming, handsome and showy plant for shrubbery borders. The double rich scarlet flowers are splendid for bouquets ....

Geum Atrosanguineum fl. pl. Hardy perennial ..... .10

GESNERIA.

Beautiful greenhouse plants; remarkable for the beauty of their foliage, which is singularly marked, and their long spikes of brilliant colored flowers. Sow in a light compost, and keep in a warm, moist atmosphere.

Gesneria Robusta Perfecta. An improved strain of Gesneria with handsome foliage, remarkable for its free flowering habit, great diversity of colors ..... .50
Choicest Varieties Mixed. Tender perennial. 1 ft. .25

GLOBE AMARANTH.

(GOMPHRENA GLOBOSA.)

Very handsome and showy everlastings, commonly known as Bachelors' Buttons. The seed of Gomphrena does not germinate very well in the open ground, and it is best therefore to sow it in a hot-bed, if possible. If the cottony coating which surrounds it is removed, the seed will be more certain to grow. Annuals, 2 ft.

Globe Amaranth. White 5
—— —— **Purple** 5
—— —— **Variegated** 5
—— —— **Nana Compacta.** A dwarf variety of very compact habit; flowers deep violet red ..... .10
—— —— **Mixed.** All colors. Per oz., 40 cts 5

GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into shallow pots to grow through summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring repot and water freely; will blossom second season. Stove perennial bulbs.

Per Pkt.

Gloxinia Hybrida Grandiflora. "Emperor Frederick." New, upright variety, fiery scarlet, margined with pure white.....50
—— —— —— **"Defiance."** Magnificent scarlet variety, erect, luxuriant glossy green foliage.....50
—— **"Gouville's Strain."** Flowers of immense size and beautifully tinged and spotted, various colors..75
—— **Finest Mixed.** From a famous collection of erect and drooping flowered varieties.....50

GILIA.

Pretty dwarf annuals; may be sown at any time, and bloom in any situation; grow well in pots, and may be placed in a rockery.

Gilia Tricolor. Choice mixed..... 5

GOLDEN FEATHER. (See Pyrethrum).

GLAUCIUM.

Very showy plants, with quite attractive flowers. Leaves are silvery white, something like the old "Dusty Miller." Fine for edging, masses, vases, ribbon beds. Sow late in winter in the house.

Glaucium Corniculatum.....10
—— **Luteum**.....10

GNAPHALIUM LEONTOPODIUM.

(EDELWEISS.)

The flowers are pure white, star-shaped and of a downy texture. This is the true Edelweiss of the Alps, well known and so much prized by tourists in Switzerland.....10

GRASSES.

(ORNAMENTAL.)

The Ornamental Grasses are valuable for decorative purposes when dried and arranged in connection with the Everlasting Flowers for winter bouquets, etc. Some are curious-looking plants, others exceedingly graceful; some neat and compact, others stately and majestic. The more slender and graceful varieties are very decorative.

Per Pkt.

Agrostis Nebulosa. A very graceful and pretty grass, charming for borders; annual, 1½ ft..... 5
Avena Sterilis. (Animated Oats.) Drooping, very graceful; annual, 2 ft..... 5
Briza Maxima. (Quaking Grass.) Very pretty; annual, 1½ ft..... 5
—— **Gracilis.** (Small Quaking Grass.) Very delicate and graceful; annual, 1 ft..... 5
Bromus Brizæformis. An elegant Briza-like grass.... 5
Coix Lachrymæ. (Job's Tears.) 2 ft. Per oz., 25 cts. 5
Erianthus Ravennæ. A stately and picturesque grass, resembling the Pampas with its silvery white plumes; half-hardy perennial, 7 ft.....10
Eragrostis Elegans. (Love Grass.) Very graceful and beautiful; annual, 1 ft..... 5
Eulalia Japonica. One of the most beautiful of the tall growing grasses, 5 ft.....10
Gymnothrix Latifolia. Splendid ornamental grass; half-hardy perennial, 10 ft..... 10
Gynerium Argenteum. (Pampas Grass.) The finest ornamental grass in cultivation, 10 ft. Half-hardy perennial.....10
Lagurus Ovatus. (Hare's Tail.) Small white plumes; annual, 1 ft..... 5
Stipa Pennata. (Feather Grass.) One of the prettiest and most interesting; perennial, 2 ft.....10
Collection of 12 varieties; Ornamental Grasses.....50

GODETIA.

Very attractive and exceedingly beautiful plants, embracing a great variety of rich colors; effective in beds, masses and mixed borders. Hardy annuals.

Godetia, "White Pearl." Novelty of 1891. Dwarf, pure white, reproducing itself true from seed...20
—— **Fairy Queen.** New, white shading into blush, with large carmine spots.....10
—— **Bijou.** The dwarfest, its very bushy plants are literally covered with pure white flowers marked with a dark rose spot, very handsome..... 5
—— **Duchess of Albany.** Beautiful new variety, with glossy satiny white flowers of very large size... 5
—— **Lady Albemarle.** Brilliant dark crimson, very effective. (See cut)..... 5
—— **The Bride.** Crimson and white, fine..... 5
—— **Fine Mixed.** Per oz., 50 cts..... 5

GYPSOPHILA.

Pretty hardy plants; will grow in any garden soil. G. Muralis is well suited for rockwork. G. Paniculata is an effective plant in shrubberies.

Per Pkt.

Gypsophila Muralis. A charming little plant, covered with beautiful pink blossoms. Hardy annual, ½ ft.. 5
—— **Paniculata.** White, fine for bouquets. Hardy perennial..... 5

GOURDS.

Ornamental gourds of extremely rapid growth. Very desirable for covering walls or trellises, and producing remarkable and curious fruit. Tender annual climbers, 10 to 20 ft.

Gourd, Orange. The well-known Mock Orange..... 5
—— **Egg Shaped.** White; fac-simile of an egg.. ... 5
—— **Pear Shaped.** Exceedingly beautiful fruit, with rings running round it; green ends.... 10
—— **Bottle.** Handsome and useful..... 5
—— **Corsican** Elegant fruit and rapid climber... ..10
—— **Siphon, or Dipper.** Long, slim handles, useful for dippers.....10
—— **Powder Horn.** In the form of a powder horn... 5
—— **Hercules' Club.** The longest of all the varieties.10
—— **Sugar Trough.** Large, round. The shells when dried and excavated are used as water holders. 5
—— **Mixed** ornamental varieties. Per oz., 40 cts.....10

HELIPTERUM. Everlasting.

A very desirable and distinct dwarf everlasting, with small foliage, and large, globular clusters of bright golden, and pure white, star-like flowers, and will retain their brilliancy for years. Hardy annual, 1 ft. high.

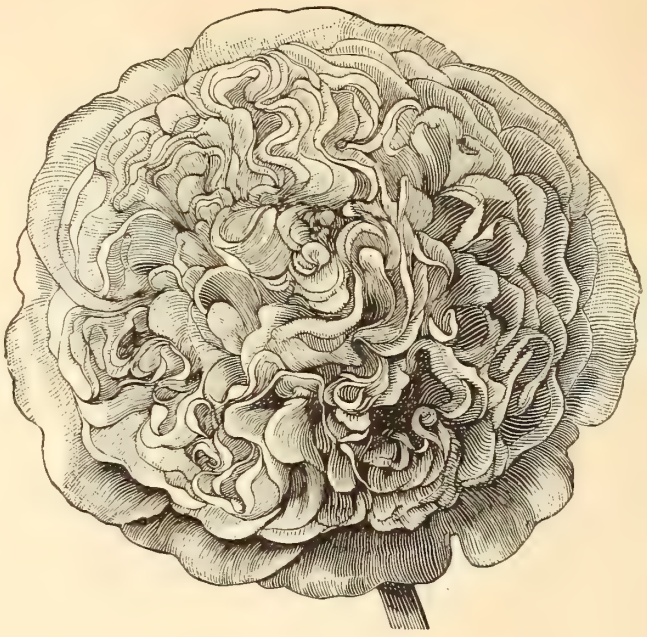
Helipterum Sandfordi. Golden..... 10

HELIOTROPE.

The Heliotrope, from its fragrance and neat appearance, is a general favorite, and is equally desirable as a pot or a bedding plant. In favorable situations it will attain to great size, and bloom almost throughout the year. Sow on heat and transplant.

Heliotrope, King of Blacks. Splendid 10
—— **Finest varieties mixed**.....10

HELIANTHUS. (See Sunflower.)



HOLLYHOCK.

The Hollyhock in its present state of perfection is very unlike its parent of olden time; it now ranks with the Dahlia, Aster, Camellia, etc. For background to a flower garden, perhaps no plant is so useful. The flowers are as double as a rose, of many shades of color, from deep yellow, red, purple, to pure white. Plant the seed in June or July, in open ground, and in the autumn, when the plants have made five leaves, transplant to permanent position, three feet apart. The following summer they will bloom. Each plant should be supported by a stake. Hardy perennial, 5 feet high.

Per Pkt.

Hollyhock, mixed double.....10
—— **Extra choice double mixed**.....25
—— **Double White.** This is one of the most valuable plants now grown for summer flowers. Flowers pure white and perfectly double.....15
—— **New Dwarf double white.** Fine.....25
—— **Double Yellow**.....15
—— —— **Crimson**.....15
—— —— **Pink**.....15
—— —— **Black**.....15
—— **Mixed single varieties.** Per oz., 50 cts.....10
—— **Collection of 8 varieties.** Superb double.....75

HELICHRYSUM.

(EVERLASTINGS.)

Known as Everlasting Flowers or Immortelles, and as cut dried blooms are almost universally used for church or house decoration at Christmas and other festivals and important occasions, also generally for winter bouquets. It is necessary, when cutting the flowers for drying for winter use, to pluck them before the flower-bud is expanded, otherwise they may have a tendency to seed, and present a somewhat ragged appearance. The Helichrysums will stand drought well, but if bushy plants are required, it is desirable to give them a generous soil and abundance of air. They may also be successfully and easily cultivated as pot plants.

Helichrysum, Double White..... 5
—— —— **Red**..... 5
—— —— **Yellow**..... 5
—— —— **Mixed, 1½ ft.**..... 5
—— **Collection of 12 varieties**.....60

HIBISCUS.

An exceedingly pretty annual variety, very useful towards the autumn, when many other kinds begin to fail.

Per Pkt.

Hibiscus Africanus. Cream color, rich brown center.. 5

HONESTY or SATIN FLOWER.

(LUNARIA.)

Early, free flowering plants, interesting for the silver-like tissue of the seed pods in their matured state, The flower is purple, not very conspicuous. The seed pods are fine for skeletonizing and working in with other everlasting flowers for winter bouquets. Blossoms the second year from seed, and then dies. Hardy biennial, 2 feet high.

Honesty (Lunaria biennis)..... 5

HUMULUS JAPONICUS.

A highly ornamental and extremely rapid growing annual climbing plant, with foliage of a bright grassy-green color, resembling in shape that of the common hop.

Humulus Japonicus.....10

HUMEA.

A remarkably handsome decorative plant, flowering in drooping pyramids of ruby grass-like florets, which are quite fragrant when slightly rubbed. It often attains a height of 8 feet by 4 feet in diameter, and forms a handsome specimen plant for the conservatory or for out-door decoration in pots during the summer.

Humea Elegans. Red, half-hardy biennial.....10

IBERIS. (See Candytuft.)

ICE PLANT.

Handsome and curious plant for hanging baskets, rock-work, vases and edgings. The leaves and stems are succulent and fleshy, and appear as though covered with ice crystals. The whole plant is peculiarly brilliant in the sunshine. The flower is white and not conspicuous. Succeeds best in dry sandy loam, and in a warm situation. Can be grown in pots or open border. Tender annual trailer, 6 inches high.

Ice Plant. (Mesembryanthemum Crystallinum)..... 5

IPOMEA.

Of all the flowers in general cultivation, the Ipomea ranks pre-eminent for delicate and intrinsic beauty; the brilliant and varied hues of its many species and varieties are marvellously beautiful, and their fine foliage and graceful forms render them indispensable adornments for the greenhouse, conservatory and flower garden. For covering arbors, walls, trellises, etc., they are unsurpassed. Annuals.

Ipomea Coccinea (Star Ipomea). Fine scarlet..... 5
—— **Bona Nox** (Good Night). Pure white.....10
—— **Learii.** Large dark blue flowers; splendid.....25
—— **Grandiflora Alba.** Enormously large flowers, white.....10
—— **Quamoclit.** (See Cypress Vine)..... 5
—— **Limbata Elegantissima.** Intense violet blue, with a broad margin of pure white; beautiful...10
—— **Rubro-cœrulea.** Sky-blue, large and handsome.10

IMPATIENS.

One of the most distinct and beautiful of decorative plants. It thrives in stove, greenhouse and open border during summer. The flowers are of a brilliant rosy scarlet, 1 to 1½ inches in diameter, and produced so freely that the plant appears to be quite a ball of flowers, continuing in full beauty during several months.

Per Pkt.

Impatiens Sultanti. Tender annual..... ...25

JACOBÆA.

(SENECIO.)

Remarkably pretty, free growing, profuse flowering plants. Grow freely from seed and are easily propagated from cuttings. Hardy annuals.

Jacobæa. Fine double mixed..... 5

KALANCHOE CARNEA.

Very fine new winter-blooming plant; of easy culture, very floriferous, and attains a height of about 18 inches. The beautiful pink flowers are borne in great clusters, wax-like and very fragrant.

Kalanchoe Carnea 25

KAULFUSSIA.

One of the useful tribes of hardy annuals of good habit.

Kaulfussia. Finest mixed..... 5

LANTANA.

Splendid bedding plant, also beautiful in pots. No plant presents a greater variety of colors and changing hues. Half-hardy perennial.

Lantana Hybrida. Finest mixed varieties..... 10

LARKSPUR.

(ANNUAL DELPHINIUM.)

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annual.

Larkspur, Double Dwarf Rocket. Finest mixed colors, 1 ft. Per oz., 40 cts..... 5
—— **Double Stock Flowered.** Long spikes of bloom, finest mixed colors, 1 ft. Per oz., 40 cts 5
—— **Emperor.** Mixed. A magnificent variety, remarkably floriferous; rich colors, 1½ ft.....10
—— **Candelabra-Flowered.** A fine dwarf branching variety, of great variety and many colors, mixed, 1 ft.....10

LAPAGERIA.

Per Pkt.

Lapageria Rosea. One of the most beautiful greenhouse and conservatory climbers yet known, with numerous brilliant carmine-colored bell-shaped flowers.....50

LATHYRUS.

(EVERLASTING PEA.)

Very ornamental, free flowering, hardy perennial climbers; useful for covering trellises, old stumps, fences or walls; growing in any soil.

Lathyrus Latifolius. Crimson, 5 ft..... 5
—— **Albus.** White, 5 ft.....10
—— **Mixed.** Crimson and white..... 5

LAYIA.

Layia Elegans. A native of California, forming tufts 1 foot high. The flowers are golden yellow, bordered white, with orange center, and measure nearly 2 inches in diameter. Annual.....10
—— **Glandulosa.** Pure white, fine.....25

LOBELIA.

A most elegant and useful genus of dwarf plants of easy culture, well adapted for bedding, edging, pots or rockeries. The newer varieties of L. Speciosa make most showy and valuable bedding plants. The varieties of L. Gracilis are the best adapted for rockwork, pots or suspended baskets to droop over. L. Cardinalis and L. Queen Victoria are two splendid perennial varieties, with rich scarlet flowers and dark foliage. The seed of Lobelia being very small, cover very slightly when sown. Sow in hot-bed, prick out, and gradually harden off.

Lobelia Littoralis. Charming variety, forming long-trailing branches, 1 to 2 feet long, pure white flowers 20
—— **Speciosa.** Deep blue, fine for bedding, 1½ ft.....10
—— **Crystal Palace Compacta.** Intense blue, ½ ft...10
—— **Queen of Whites.** Pure white, ½ ft 10
—— **Prima Donna.** New, a very good red-flowered variety, quite distinct 10
—— **Paxtoniana.** Pure white, with sky-blue belt, very beautiful and fine for bedding, ½ ft 10
—— **Gracilis.** Pale blue, spreading habit, very effective in pots, ½ ft 10
—— **Cardinalis.** Hardy, long spikes, bright scarlet flowers, 2 ft.....10
—— —— **Queen Victoria.** Very dark leaves and beautiful flowers of brilliant scarlet; quite constant, splendid 25

LIBONIA.

Per Pkt.

Libonia Floribunda. Small shrubby plants from Brazil, with tubular yellow, tipped scarlet flowers of drooping habit, and very abundant; very ornamental for the sitting-room or greenhouse; flowering from November till spring....25

LINARIA.

Linaria Cymbalaria. (Kenilworth Ivy.) A pretty drooping plant, with small lilac flowers; fine for the house, or for baskets and vases.....10

LINUM.

Pretty annuals of graceful habit. L. Grandiflorum is one of the handsomest annuals ever introduced, equally recommended for its brilliant color and long duration in bloom. L. Flavum is a fine gold-colored variety, which may also be grown in pots.

Linum Grandiflorum. Scarlet, 1 ft..... 5
—— **Flavum.** Yellow 10

LISIANTHUS.

A magnificent greenhouse plant, with large handsome Tulip-shaped flowers of a fine rich purple with a very deep eye in the center. The flower continues perfect for two or three weeks. By forcing it early in the spring and planting out in the open border, it will probably be found to flower as freely as Phlox Drummondii.

Lisianthus Russellianus. Rich deep purple.....50

LOPHOSPERMUM.

Exceedingly ornamental climbing plants, with large and handsome flowers; very effective for conservatory or garden decoration. Half-hardy annual.

Lophospermum Coccineum. Scarlet. 10
—— **Scandens.** Rosy purple.....10

LOVE-IN-A-MIST. (See Nigella.)

LUPINUS.

Showy, free flowering plants, with long spikes of flowers, rich and varied in color. Hardy annuals.

Lupinus. Mixed annual varieties..... 5

LYCHNIS.

Handsome and highly ornamental plants, of easy culture; strikingly effective in mixed flower and shrubbery borders. Hardy perennials.

Lychnis Chalcedonica. Large heads of brilliant scarlet, fine for distant effect, 2 ft..... 5
—— —— **Alba.** Pure white, very ornamental, 2 ft... 5
—— **Finest mixed varieties.** 5

MALOPE.

Handsome free-blooming hardy annuals, with large showy flowers. The white variety is very fine.

Malope Grandiflora. Crimson, 2 ft 5
—— —— **Alba.** White, 2 ft.. 5

MANDEVILLA.

This fine climber is remarkable for its deliciously sweet and very beautiful snow-white flowers. It also blooms most abundantly; but if raised from seeds, like all seedling shrubs, its first stage of growth is more productive of foliage than blossoms. In order to grow the plant to perfection it should be placed out in the border of the conservatory.

Mandevilla Suaveolens. White greenhouse climber..25

MARIGOLD. (See also Calendula.)

These flowers have now, by careful and continuous selection, been raised to such a pitch of excellence as to demand attention from all desirous of having a fine show of bloom in the garden during autumn. For large gardens, mixed borders, and general effect, they may be used with the greatest freedom. The African varieties are tall, growing usually 2 feet or more, while the French are more dwarf, of perfect form and gorgeous beauty; all are desirable. Half-hardy annuals, in bloom till frost comes.

Per Pkt.

Marigold, African Quilled. Orange, brown and yellow, mixed, 2 ft. 5
—— **New African "El Dorado."** The finest type of this variety; flowers very large and double, many beautiful colors, mixed 10
—— **French Dwarf.** Orange, brown and yellow, mixed, 1 ft. (See cut) 5
—— **New French "Gold Striped."** Flowers rich maroon, regularly striped with golden yellow; habit of plant dwarf and compact 10

MARVEL OF PERU.

(FOUR O'CLOCKS.)

These are well-established favorites in old-fashioned gardens, and deservedly, for in a favorable season they produce a grand effect from their mass of bloom and dense foliage. The habit of the plant is also excellent from its earliest stages of growth.

Marvel of Peru. (Four O'Clocks.) Finest mixed hybrids, splendid new colors 10
—— Mixed colors. Per oz., 20 cts. 5
—— **Folis Variegatis.** Flowers of a variety of colors; leaves light green, faintly marbled 10

MALVA, or MALLOW.

Showy and free-flowering border plants, succeeding in any common garden soil. Hardy annuals.

Malva Crispa. (Curled Mallow.) Ornamental foliage with curled edges; very fine, 5 ft. 5
—— **Miniata.** Scarlet, 1½ ft. 10

MAURANDYA.

These charming climbers cannot be too highly praised for their beautiful flowers and foliage. From their graceful slender growth they are admirably adapted for hanging baskets, vases or any form of trellis-work.

Maurandya Barclayana. Deep violet, 10 ft. 10
—— —— **Alba.** A pretty white variety, 10 ft. 10
—— **Mixed Colors.** 10

MATRICARIA.

(FEVERFEW.)

Low-growing plants, suitable for beds and edgings, extensively grown by florists for their flowers. Succeed best in a light, rich soil. Half-hardy perennials.

Per Pkt.

Matricaria Capensis. Dwarf double white, 1 ft. 10
——**Eximia.** White, quilled, 1½ ft. 10
—— —— **Grandiflora.** An improved, large-flowered, pure white variety 10

MATHIOLA.

(NIGHT-SCENTED STOCK.)

The delicious rich perfume emitted by the flowers of this plant—in the afternoon, evening, and after a shower—is truly delightful, and perceptible some distance off. Hardy annual.

Mathiola Bicornis. Pink and lilac, 1 ft. 10

MORNING GLORY.

(CONVOLVULUS MAJOR.)

Morning Glory. Finest mixed colors. Hardy annual. 20 ft. Per oz., 15 cts. 5

MIGNONETTE.

A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the garden; if well thinned out immediately the plants are large enough, they will grow stronger, and produce larger spikes of bloom. Hardy annual.

Mignonette, Elliott's Mammoth. Without doubt the largest flowered form that has yet been seen and the finest Mignonette in cultivation 10
—— **Sweet-scented.** Per oz., 15 cts. 5
—— **Large-flowered.** (Ameliorata.) Per oz., 20 cts. .. 5
—— **Golden Queen.** Splendid spikes of golden yellow blossoms. Per oz., 50 cts. 10
—— **Miles Hybrid Spiral.** Very fragrant; splendid for pot culture. Per oz., 50 cts. 10
—— **The Prize.** Recommended for size of flower and delicious fragrance. Per oz., 50. 10
—— **Machet.** New; the best for pots, one of the finest of recent introductions, quite constant. Per oz., $1 00. 10
—— **Pumila Erecta.** Dwarf and compact; a very good pot Mignonette. Per oz., 50 cts. 10
—— **Diamond.** New white; fine for pot culture. 10
—— **New Giant White Upright.** A variety attaining a height of from 2 to 3 feet, and producing spikes of bloom from 6 to 12 inches in length. It is pure white in color, but not as fragrant as the older sorts 10

MESEMBRYANTHEMUM.

Beautiful dwarf edging plants, flowering most profusely; belonging to the singular tribe of succulents, so peculiar in their growth. They are also well adapted for rockeries, old stumps of trees, etc.; will stand drought well and the hottest sun. Annuals.

Per Pkt.

Mesembryanthemum Cordifolium Variegatum. Remarkable for the distinct white and green variegation of its leaves.....10
—— **Tricolor.** Rose, with purple center..... 5

MIMOSA.

(SENSITIVE PLANT.)

Very curious and interesting plant, with globular heads of pink flowers. The leaves and footstalks close and droop at the slightest touch, or in cloudy, damp weather and during the night. Thrives best in the greenhouse.

Mimosa Pudica. Tender annual, 2 ft..... 5

MIMULUS.

(MONKEY-FLOWER.)

Very handsome, profuse-flowering plants, with singularly shaped and brilliantly colored flowers; fine conservatory or sitting-room plants, growing splendidly in baskets, vases, etc.

Mimulus Moschatus. Yellow. The well-known Musk plant; needs rich soil and plenty of moisture...10
—— **Tigrinus.** Tigered and spotted varieties.....10
—— —— **Duplex.** (Hose in Hose.) Beautiful double tigered and spotted varieties. (See cut.).....25

MOMORDICA.

Curious trailing-plants with ornamental foliage. The fruit changing from green to bright orange, and, when ripe, bursts open, exposing its bright red seeds and carmine interior. Very effective on trellis, fences, stumps, etc. Annual.

Momordica Balsamina. (Balsam Apple.) 10 ft..... 5
—— **Charantia.** (Balsam Pear.) 10 ft..... 5

MYOSOTIS.

(FORGET-ME-NOT.)

Charming little plants, producing their beautiful star-like flowers in great profusion; invaluable for spring garden decoration, thriving best in moist, shady situations. Perennials, but will flower the first season if started early in a hot-bed.

Per Pkt.

Myosotis Alpestris, "Victoria." New, of stout bushy habit, bright azure blue flowers, 5 to 7 in. high.15
—— —— **Robusta Grandiflora.** (Eliza Fanrobert.) New, fine pyramidal habit, bright blue.....10
—— —— Blue.....10
—— —— **Alba.** White.....10
—— **Azorica.** Dark blue, very pretty.....10
—— **Dissitiflora.** Clear blue flowers, very early, and continues long in bloom, ½ ft.....10
—— —— **Alba.** New white Forget-Me-Not.....25
—— **Palustris.** (True Forget-Me-Not.) Blue, with white eye.....10

MYRSIPHYLLUM.

(SMILAX.)

In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensable. Soak the seed in warm water twelve hours and plant in pots, in hot-bed or greenhouse, in February, and keep in moist place. Plant in a 2-inch pot. Tender perennial climber, 10 feet.

Myrsiphyllum Asparagoides. (Smilax.) White. Per oz., $2 00.....10

MUSA.

A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. Seedlings attain a large size the first year if properly treated, and frequently repotted. Thrives best in a rich soil, requiring plenty of room and moisture.

Musa Ensete. (Abyssinian Banana.) Tender perennial, 10 to 20 ft.....25

NEMOPHILA.

Extremely pretty dwarf, hardy annuals of spreading habit, well adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted. Nemophila will grow in any soil; may be sown several times during the year, and will bloom early.

Nemophila Insignis. Blue, white center..... 5
—— **Maculata.** White, with purple spots, 9 inches... 5
—— **Mixed.** Many varieties..... 5

NASTURTIUM.

(DWARF VARIETIES.)

The newer varieties of the dwarf Nasturtium are among the most useful and beautiful of garden favorites; their compact growth, rich colored flowers and free blooming qualities make them invaluable for bedding, massing or ribboning. They thrive best in rather poor soil. A fine effect may be produced by having a center of Perilla Nankinensis, surrounded by the different varieties of King of Tom Thumbs, and an outer edging of Sweet Alyssum or Lobelia.

Per Pkt.

Nasturtium, Tom Thumb, Lady Bird. Orange yellow, red spots 10
—— —— **Cloth of Gold.** Yellow foliage; flowers deep scarlet.....10
—— —— **Beauty.** Yellow flushed vermillion. Per oz., 40 cts 5
—— —— **Crystal Palace Gem.** Sulphur, maroon spots. Per oz., 40 cts..... 5
—— —— **Pearl.** Creamy white. Per oz., 40 cts..... 5
—— —— **Rose.** Per oz., 40 cts..... 5
—— **King of Tom Thumbs.** Scarlet. Per oz., 40 cts. 5
—— **Golden King.** Golden yellow. Per oz., 40 cts... 5
—— **King Theodore.** Velvety black. Per oz., 40 cts. 5
—— **Ruby King.** Carmine. Per oz., 40 cts..... 5
—— **Empress of India.** Brilliant crimson, with dark tinted foliage, new and fine. Per oz., 40 cts....10
—— **Tom Thumb Mixed.** Per oz., 30 cts..... 5

NERTERA DEPRESSA.

A very handsome creeping plant, with oval fleshy leaves and small white flowers, covered later with small coral-colored berries; fine for pot culture. Tender perennial.....25

NICOTIANA AFFINIS.

A very valuable plant, producing freely deliciously-scented large white tubular flowers; grows well in a rather rich loam. Tender annual, 3 ft.....10

NIEREMBERGIA.

Beautiful little plants, flowering profusely the whole summer, fine for pots, edgings, hanging baskets, etc.

Nierembergia Gracilis. Light blue, yellow eye.....10
—— **Frutescens.** Lilac, free-flowering.....10

NIGELLA.

(LOVE-IN-A-MIST.)

Very interesting, free-flowering plants, with curious-looking flowers and seed pods. Hardy annual.

Nigella Damascena. Finest mixed, 1 ft..... 5

OLEANDER.

(NERIUM.)

This well-known shrub is of easy culture, and flowers freely the greater part of the year. Sow seeds in gentle heat in February or March, in light, rich soil, which must be kept moist. When young plants are 3 or 4 inches high, repot in rich soil. The temperature in which plants are grown should not fall below 35°. The young shoots made one season should bloom the next.

Nerium Oleander. Fine mixed.....10

OXALIS.

Charming little plants. O. Tropæoloides has fine dark bronze foliage. All the varieties are very useful for covering rock-work, also for baskets and edgings. Sow in cold frame, and transplant into sandy soil. Half-hardy perennials.

Oxalis Rosea. Rose colored, blooms abundantly, ½ ft.10
—— **Tropæoloides.** Deep yellow, brown leaves; very interesting variety, ½ ft.....10

ŒNOTHERA.

(EVENING PRIMROSE.)

Œnotheras are very fine half-hardy annuals, opening their flowers suddenly in the latter part of the day. Some of the large varieties attract much attention.

Per Pkt.

Œnothera. Annual varieties, mixed.....10

PANSY.

(HEARTSEASE.)

We offer seed of the best varieties of this highly esteemed flower, and many new sorts and shades may be obtained from the mixed packets. Start early in March in the house; if no greenhouse is convenient a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out of doors. Pick off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest Pansies possible to grow. Seeds sown in a cool place in June, or later, and kept well watered will produce fall flowering plants. Sow also in September for winter flowering. The plants should always occupy a cool, partially shaded situation, and the ground cannot be too rich; coolness and moisture are necessary.

Pansy. Elliott's Special Blended. Only the newest shades and richest colors are included in this mixture; quality unsurpassed.....25
—— **Fine Mixed.** Good quality.....10
—— **Extra Choice English.** Large flowering.....25
—— **French, Large Stained.** Very choice, mixed....25
—— **Odier or German.** Finest large blotched varieties.25
—— **Giant Trimardeau.** Distinct and beautiful new race..... 25
—— **Bugnot's.** Superb blotched, exceptionally fine strain 25
—— **Giant Victoria.** New blood red.....25
—— **Giant Cassier.** Splendid large flowers.....25
—— **Snow Queen.** Pure satiny white.....25
—— **Emperor William.** Brilliant blue, with well defined purple eye, splendid.....10
—— **Faust, or King of the Blacks.** Densest black Pansy known.....10
—— **White.** Pure.....10
—— **Golden Yellow.**.....10
—— **Collection** of twelve separate varieties.....1 00
—— —— of six separate varieties.....50

PASSIFLORA.

(PASSION FLOWER.)

Magnificent ornamental climbers, with beautiful and remarkable flowers, which are produced in the greatest profusion. Tender perennials.

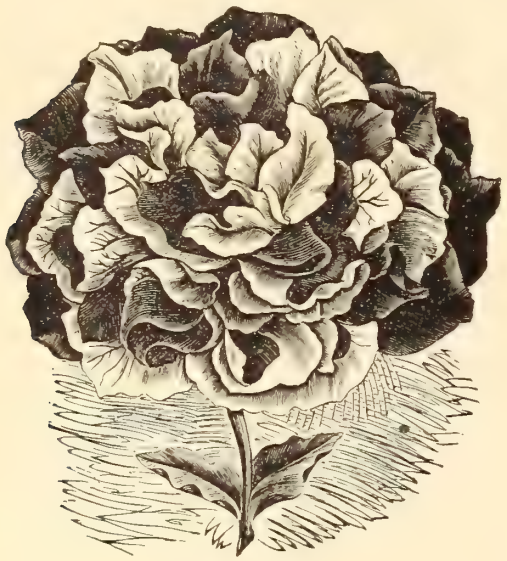
Per Pkt.

Passiflora Cœrulea. Sky-blue; will bloom in the open ground in summer, 20 ft 10
—— **Coccinea.** Vivid scarlet flowers, 15 ft.....10

PENTSTEMON.

Beautiful and attractive, hardy, herbaceous plants, with long, graceful spikes of richly colored flowers. Succeed in a light loam, and should have a dry situation, as they suffer more from wet than cold during the winter.

Pentstemon Hybridus, Extra Mixed, 2 ft.....10



PETUNIA.

This flower, from its beauty, fragrance and duration in bloom, is a great favorite, and is equally adapted for greenhouse, conservatory or outdoor culture. A great effect may be produced by training them as semi-climbers in a background to an ornamental mixed border. Petunias contrast well in bedding with Scarlet Geraniums, Coleus and Perilla.

Petunia Fimbriata Venosa, fl. pl. New, lovely light lilac color, deeply fringed.....50
—— —— **Large Throated.** New, splendid collection of mixed colors.....25
—— **Hybrida.** Mixed colors..... 5
—— **Choice Mixed.** Striped and blotched.....10
—— **Grandiflora.** Large flowering varieties, in splendid mixture.....25
—— **New Large-Flowering Single-Fringed.** An unrivaled strain.....25
—— **Double Striped and Blotched.** Large double variegated flowers 25
—— —— **Fringed.** Large double, beautifully fringed flowers.....50
—— **Dwarf Inimitable.** Star Petunia, beautiful compact growing variety.....10
—— **Intus Aurea.** New, yellow-throated, very beautiful varieties 50
—— **Argentea.** Silvery white.....10
—— **Collection** of twelve separate varieties. Large flowering, single..... 1 00
—— —— of twelve separate varieties, double.....1 25
—— —— of six separate varieties, double fringed.....75

PHLOX DRUMMONDII.

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom and length of duration in bloom; of first-rate habit, and whether in clumps or masses look equally beautiful. It is one of our finest annuals for beds, borders, etc. Light, rich loam.

Per Pkt.

Phlox Drummondii, Star of Quedlinberg (Cuspidata). New, various colored star-like flower. (See cut.).10
—— —— **Choice Mixed.** Per oz., 50 cts 5
—— —— **Alba.** Pure white... 5
—— —— **Coccinea.** Scarlet..... 5
—— —— **Rosea.** Beautiful rose..... 5
—— —— **Black Warrior.** Dark red..... 5
—— —— **Leopoldi.** Rose, white eye..... 5
—— —— **Blood Red.** Fine dark.....10
—— —— **New Double White.** Profuse pure white bloomer.....20
—— —— **Grandiflora Mixed.** Extra large-flowered varieties. Per oz., 75 cts 10
—— —— —— **Coccinea.** Splendid large scarlet.....10
—— —— —— **Splendens.** Large bright scarlet, with white eye.....10
—— —— **Nana Compacta, Dwarf Mixed** 10
—— —— —— —— **Fireball.** Dwarf scarlet; very brilliant.....10
—— —— —— —— **Rosea.** Charming rose.....10
—— —— —— —— **Snowball.** Pure white.....10
—— —— **Graf Gero Alba.** Pure white. Excellent for pot culture.....25
—— —— —— —— **Rosea.** Bright rose. Excellent for pot culture.....25
—— —— —— **Violacea.** Violet. Excellent for pot culture.....25
—— —— —— —— **Mixed.** Excellent for pot culture..25

PHLOX DECUSSATA.

Hardy Perennial Phlox. One of the best plants for beds or borders. Finest mixed.....10

PERILLA.

An ornamental foliage plant which thrives in any soil; leaves of a deep mulberry or blackish purple, forming a fine contrast to plants of lighter foliage.

Perilla Nankinensis. Purplish black leaves, 1½ ft..... 5

PHASEOLUS CARACALLA.

A beautiful climber; may be grown outside in summer and in the greenhouse in winter. Valued by florists for their delicious fragrance and resemblance to orchids; bluish white flowers. Light, rather rich loam.....10

POPPY SNOWDRIFT.

POPPY.

(PAPAVER.)

Very showy, free blooming, old-fashioned flowers. Very effective in mixed borders. Hardy annuals.

Per Pkt.

Poppy, "The Mikado." (The new striped Japanese Poppy). Brilliant scarlet and white, fringed edges.....10
—— **Laevigatum.** Gorgeous. New Persian Poppy, deep scarlet, with black spots.....15
—— **Shirley.** New hardy annuals, surprisingly beautiful shades of pale pink, rose and carmine to deepest crimson 15
—— **New Hybrid Oriental,** containing charming new colors, including blush pink, blotched purple, deep blood red, etc. Hardy perennial.....20
—— **Carnation-Flowered.** Double mixed, 2 ft..... 5
—— **French.** (Papaver Rhœas). Ranunculus-flowered, double mixed, 2 ft..... 5
—— **Danebrog.** Brilliant scarlet, each of the four petals being stamped with an ivory white spot..10
—— **Umbrosum.** Rich vermillion, with a shining black spot on each petal 10
—— **Crimson King.** Large double crimson flowers...10
—— **Snowdrift.** Beautiful double white..... 10
—— **Bracteatum.** Very large orange scarlet flowers, averaging 5 inches in diameter. Perennial variety 10
—— **English Scarlet.** One of the commonest plants in Great Britain, being found growing wild there in field after field, producing the most gorgeous effect with its dazzling scarlet blooms.10

POTENTILLA.

These are handsome herbaceous plants, and from their hardiness and showy character are exceedingly useful and ornamental; they may be employed to advantage in filling up vacant nooks and corners; even in single plants, and in all situations, their neatness of foliage and long duration in bloom render them objects of desire.

Potentilla, Double. Choice varieties mixed; 1 ft.....25
—— **Single.** Finest mixed; 1½ ft 10

PHACELIA.

Very fine new annual from California, blooms in about eight weeks from time of sowing, showy and free-flowering; common loam.

Per Pkt.

Phacelia Campanularia. Beautiful rich deep blue, 6 inches high.....10

POLEMONIUM.

(JACOB'S LADDER.)

Fine, hardy, herbaceous perennials, with large heads of flowers; excellent border plants.

Polemonium. Mixed blue and white, 1 ft..... 5

POLYANTHUS.

Splendid spring-flowering plants, either for pot culture or the open border. Half-hardy perennial.

Polyanthus Mixed. (Primula elatior.) Fine border varieties, ¾ ft.....10
—— **Splendid Mixed.** Extra choice, ¾ ft.....25

POLYCOLYMNA STUARTI.

A very good everlasting, with white and yellow flowers; half-hardy annual, 1½ ft.....10

PRIMULA SINENSIS.

(CHINESE PRIMROSE.)

One of the most useful kinds of plants, which should be grown by everyone who has a frame to spare for raising the seed, as they compensate for the slight trouble by producing abundant flowers during the winter months in the greenhouse or sitting-room. Our Primula seed has always borne the highest character, and that now offered is, as usual, saved from the finest sorts of the best strains of English growth and cannot be surpassed.

Primula Sinensis Fimbriata. Very choice mixed.....50
—— —— —— **Alba.** Pure white 50
—— —— —— **Rubra.** Red, very fine.....50
—— —— —— **Fringed.** Fern leaved, white.....50
—— —— —— —— Crimson.....50
—— —— —— **Alba Magnifica (Williams').** Pure white, with a large, bright yellow eye, each petal being deeply and beautifully fringed; they are borne in large trusses well above the foliage. Original packets, each 50
—— —— —— **Rubra Violacea.** A remarkably fine plant of extremely robust habit, bearing flowers of an exceedingly peculiar violet-crimson shade. Sold only in sealed packets.....50
—— —— —— **Chiswick Red.** The most brilliant crimson-scarlet Primula yet sent out; its habit is as robust as Alba Magnifica; the foliage is very finely cut, and a deep green color.....50
—— —— —— **Meteor.** Plant of compact habit of growth, the leaves being deeply cut and of a dark reddish tinge, which gives the plant a most distinct appearance. The blooms are of good form and substance, and well fimbriated at the edges. Color an intense rich crimson, relieved by a bright yellow eye. Original packets, each.50
—— —— —— **Magenta Queen.** This splendid new variety is of compact habit of growth, very vigorous and robust; the leaves are of a dark-green color. The blooms are very large, measuring upward of 2½ inches in diameter; they are of very good substance and a bright magenta color, with a small bright lemon eye.....75
—— —— —— **Village Maid.** White, striped and spotted with carmine, very beautiful, finely fringed 50
—— —— —— **Princess Louise.** Splendid white flowers of great size and substance, and peculiar metallic luster of surface; very distinct. 75
—— —— —— **Alba Plena.** Double white.....75
—— —— —— **Rubra Plena.** Double red.....75
—— —— —— **Finest Double Mixed** 75

PRIMULA. (PRIMROSE).

(HARDY VARIETIES).

(See also Auricula, Cowslip and Polyanthus.)

Well-known spring flowers; to get fine plants sow in cold frame or greenhouse and transplant. The seed of P. Japonica frequently takes a long time to germinate.

Per Pkt.

Primrose. Deans' New Hardy Hybrids. Beautiful, hardy varieties, all colors mixed.....25
Primula Cortusoides. (English Primrose.) Red.....10
—— **Vulgaris.** Yellow English Primrose.....10
—— **Japonica.** The Queen of Primroses. The beautiful, fine, large, magenta-colored flowers stand in whorls, pyramidally arranged on stout flower stems, which are over 1 ft. high.....25
—— **Obconica.** Lilac, free flowering.....35
—— **Denticulata.** Reddish purple.....25
—— **Rosea.** Beautiful bright rose.....25

PORTULACA.

A charming class of annuals, producing profusely flowers of the most brilliant and beautiful colors. They are excellent for partially raised beds and detached mounds, and succeed best in light, gravely soil.

Portulaca, Single Extra Mixed. Per oz., 40 cts..... 5
—— —— **Collection** of ten separate colors.....40
—— **Double Extra Mixed**.....10
—— —— **Collection** of eight separate colors.....50

PYRETHRUM.

(FEVERFEW.)

Hardy, free flowering perennials, growing well in any good garden soil. The Golden Feather is now so well known that no recommendation is needed. P. Tchihatchewi is valuable for obtaining verdure on poor soils, forming a moss-like turf, even under trees. P. Parthenium is very double and pure.

Pyrethrum Roseum Hybridum. Double and single varieties, choice mixed colors 25
—— **Aureum.** (Golden Feather.) Beautiful, gold-leaved bedding plant, retaining its ornamental character till late in autumn. Per oz., $1 00...10
—— **Parthenium.** (Double Feverfew.) Pure white, double flowers, very beautiful, desirable for bedding.....10
—— **Tchihatchewi.** White flowers, dark green foliage.10
—— **Carneum.** (Persian Insect Powder.) Flesh color.10

RICINUS.

(CASTOR OIL BEAN.)

Highly ornamental and stately growing plants, ranging in height from 8 to 15 feet, with the most picturesque and varied colored foliage. Grown as single specimens on lawns and pleasure grounds, they form a striking feature. Plant the seeds as soon as the ground is warm in spring. Half-hardy annuals.

Ricinus Cambodgensis. One of the finest of decorative plants. The main stem and leaf stalks are of shiny ebony black. Leaves large and richly colored 15
—— **Borboniensis Arboreus.** Very large and handsome foliage, 15 ft..... 5
—— **Giganteus.** Leaves of immense size, 12 ft..... 5
—— **Gibsonii.** Dark red foliage, 5 ft..... 5
—— **Sanguineus.** Red fruit, very ornamental, 10 ft... 5
—— **Tricolor.** Three-colored, very beautiful, 7 ft. ... 5
—— **Mixed Varieties** Per oz., 20 cts..... 5

RIVINIA.

Greenhouse evergreen shrub, with racemes of white flowers and beautiful little bright scarlet berries; very handsome for pot culture. Use a mixture of leaf mold and sand for potting.

Rivinia Humilis. (Rouge Plant.) White, 2 ft 25

RHODANTHE.

These are the most graceful of all the Everlastings, and form admirable pot or window plants, in addition to their utility for winter bouquets. Good manuring and a light soil best develop the merits of the Rhodanthe. Half-hardy annuals.

Per Pkt.

Rhodanthe Maculata. Rosy purple, with crimson center, 1 ft 10
—— —— **Alba.** White, 1 ft.....10
—— —— **Flore Pleno.** New double, with bright rosy carmine flowers.....25
—— —— **Mixed Colors**.....10

RHODODENDRON.

Rhododendron Arboreum Hybridum. Finest mixed. Hardy perennials, 3 to 4 ft.....25

ROCKET.

(HESPERIS.)

Very pleasing early spring flowering, profuse blooming plants, with fragrant flowers, growing freely in any light rich soil; unlike most plants, they do better if transplanted every second season; hardy perennials.

Rocket, Sweet. Purple, 1½ ft..... 5
—— **White,** 1½ ft..... 5
—— **Mixed,** 1½ ft..... 5

SALPIGLOSSIS.

Highly ornamental autumn blooming plants, with remarkably beautiful funnel-shaped flowers, curiously marked and penciled. Sow under glass and transplant into the open ground as early as weather will permit. May also be sown about the end of May for later flowering. Half-hardy annuals.

Salpiglossis. Finest mixed, 1½ ft.....10

SALVIA.

(FLOWERING SAGE.)

Magnificent bedding plants, loaded with spikes of scarlet flowers from July till October. Start in a hot-bed and transplant.

Salvia Splendens, "Ingenieur Clavenad." Splendid new variety, distinct brilliant scarlet; bloom many weeks earlier than S. Splendens.....50
—— **Splendens.** Scarlet sage, 3 ft. Per oz., $3 00....10
—— **Coccinea.** Scarlet upright, 2 ft.....10
—— **Lactea.** The first pure, milk-white Salvia in existence; habit like Coccinea; very ornamental..10
—— **Farinacea.** Bright light blue flowers, long bloomer 10
—— **Schimperi.** From Abyssinia; dark blue flowers..25
—— **Greggi.** Crimson, pretty.....25
—— **Patens.** Splendid deep blue; this variety is a perennial, and must be sown very early to bloom first season.....25

SAPONARIA.

The longest blooming of all dwarf annuals, producing masses of minute cross-shaped rose-colored blossoms on a light and graceful leaf-ground; admirable for bedding.

Per Pkt.

Saponaria Calabrica. Bright rosy pink..... 5

SANVITALIA.

A beautiful little plant, well adapted for small beds and rock-work. The flowers are large in proportion to the size of the plant, and of a rich brown and yellow color. Thrives best in a light, rich soil, and continues in bloom during the summer and autumn months. Hardy annual, ½ foot.

Sanvitalia Procumbens, fl. pl. Beautiful bright yellow double flowers.....10

SCABIOSA.

(MOURNING BRIDE.)

Very showy plants, with beautifully variegated flowers; very valuable for cutting for bouquets and other ornaments. They embrace nearly all colors, from very dark to white. Sow quite early in the spring, in the open border.

Scabiosa Nan lata. Yellow or buff, with dark eye..... 5
and glob Bright orange
carmine, maroon, lilac, etc.; a valuable flower to use in bouquets or vases of cut flowers; 1 ft. 5
—— **Tall German.** Mixed, 2 ft..... 5

SCHIZANTHUS.

These are elegant slender branched plants, with very conspicuous flowers, good for the open border or pot culture. If wanted for spring flowering, should be sown in September, and protected during the winter. In flower July and August. Half-hardy annuals. 1½ to 2 ft.

Schizanthus. Fine mixed, many varieties..... 5

SEDUM.

(STONECROP.)

A very interesting and useful little plant, growing freely on rock or rustic work, ornamental mounds, old walls, etc. Hardy annual.

Sedum Cœruleum. Blue, ½ ft.....10

SENSITIVE PLANT. (See Mimosa Pudica.)

SMILAX. (See Myrsiphyllum.)

SOLANUM.

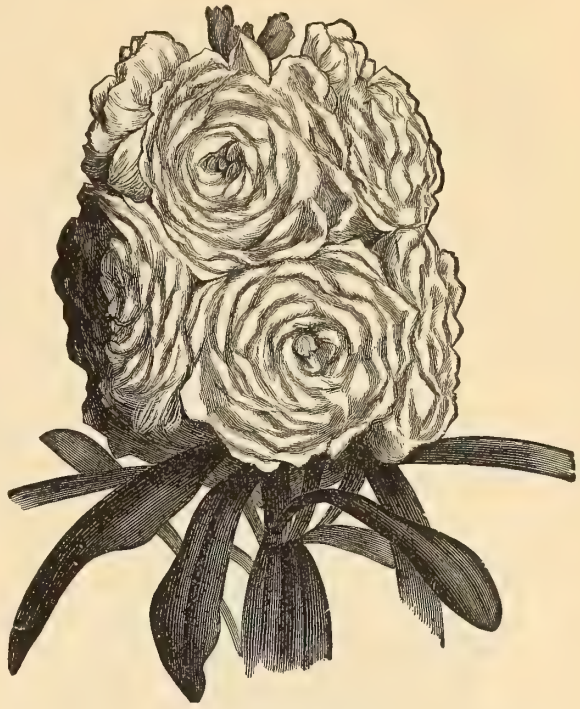
A beautiful genus of ornamental foliage and fruit-bearing plants, which grow freely in any good, rich soil.

Solanum Capsicastrum. Covered all over with a profusion of scarlet fruit, 1½ ft.. 10
—— —— **Little Gem.** New. Dwarf habit, 9 inches high. Berries globular, bright scarlet and of the size of a Red Currant; highly ornamental..25
—— **Cabiliense Argenteum.** Silvery leaves, yellow fruit.....10

STEVIA.

A useful plant for pot or border culture; very free flowering. Extensively used by florists for cut flowers. Very easily grown, requiring a light, rich soil. Tender perennials.

Stevia Purpurea. Purple, very fine.....10
—— **Serrata.** White, fine for bouquets 10



STOCKS.

(GILLIFLOWER.)

A world-wide favorite, brilliant and varied in color, equally well adapted for massing, bedding, edging or pot culture. Very profuse bloomers; should be grown in rich soil with an admixture of lime rubbish, which all stocks delight in. Sow the seed in February or March in the hot-bed, or May and June in the open border.

TEN WEEKS STOCKS.

Comprising those varieties which, if sown in spring, will flower during the summer and autumn.

Per Pkt.

Stock, Boston Market. Handsome, pure white; the perfume is unsurpassed for fragrance.....15
—— **Dwarf German Ten Weeks.** Fine mixed..... 5
—— —— —— —— **Large Flowering.** Choice mixed.10
—— —— —— —— —— **Pure White**.....10
—— —— —— —— —— **Blood Red**.....10
—— —— —— —— —— **Canary Yellow**.....10
—— —— —— **Wallflower-leaved.** Pure white, extra fine, very desirable for bouquets.....15
—— —— —— —— —— Crimson.....15
—— —— —— —— —— Finest mixed 15
—— **New Giant Perfection.** Splendid variety of pyramidal growth; height, 2½ ft.; finest mixed..15
—— —— —— —— **Crimson-White.** Each.....15
—— **New Dwarf Forcing "Snowflake."** Pure white (See cut).....25
—— **Collection** of ten separate colors, Wallflower-leaved. Ten Weeks Stock.....60

BROMPTON AND EMPEROR STOCKS.

The Brompton variety branch a great deal, and are very bushy, making, when in bloom, a grand display. The Emperor may be treated in the same manner as the Intermediate. They frequently last several years if protected from frost.

Stock, Emperor or Perpetual. Finest mixed.....10
—— **Brompton or Winter.** Finest mixed.....10
—— **Collection** of twelve varieties, Brompton or Winter.75
—— —— of six varieties, Emperor or Perpetual.....50

STOCKS, INTERMEDIATE.

The Intermediate varieties are prized on account of their flowering late in the autumn; also as pot plants for early spring blooming, for which purpose they should be sown in July or August, and kept from hard frost during winter. Plants treated in this way, and planted out in May, make a rich display during the early summer months.

Per Pkt.

Stocks, Intermediate or Autumn-flowering. Extra choice mixed 10
—— —— **Purple, Scarlet or White.** Each 10
—— **East Lothian** (Autumn flowering). Collection of four varieties 60

SWEET PEAS.

(LATHYRUS ODORATUS.)

Of these delightfully fragrant flowers it is unnecessary to say much, their universal favoritism being well established. When cut for filling vases, the bloom will last for days, and the distinct colors are very beautiful. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Hardy annuals, 6 feet.

Sweet Pea, Apple Blossom. New, pink and white, shaded lilac 10
—— —— **Boreatton.** New, rich dark glossy chestnut color 10
—— —— **Isa Eckford.** Rosy pink shaded carmine ... 10
—— —— **Splendour.** New, splendid dark rose shaded crimson 10
—— —— **Orange Prince.** New and distinct, rose and orange red 10
—— —— **Adonis.** New, carmine. Per oz., 25 cts 10
—— —— **Butterfly.** Pure white ground, delicately laced with lavender blue. Per oz., 15 cts 5
—— —— **Black Invincible.** The darkest variety grown. Per oz., 15 5

SWEET PEAS.—*Continued.*

Per Pkt.

—— —— **Crown Princess of Prussia.** A delicate blush; very fine. Per oz., 15 cts 5
—— —— **Painted Lady.** Rose and white. Oz., 15 cts. 5
—— —— **Princess Beatrice.** New rose. Oz., 50 cts .. 10
—— —— **Purple.** Per oz., 15 cts 5
—— —— **Scarlet Invincible.** Oz., 15 cts; lb., $1 00 .. 5
—— —— **Striped.** Per oz., 15 cts 5
—— —— **White.** Per oz., 15 cts.; lb., $1 00 5
—— —— **Violet Queen.** A charming variety ranging from deep mauve to light violet 10
—— —— **Extra Mixed.** From above varieties. Per oz., 15 cts.; lb., $1 00 5
—— —— **Mixed as Imported.** Per oz., 10 cts.; lb., 75 cts 5
Eckford's New Hybrid Sweet Peas. Including many of great merit and various bright colors, making a gorgeous effect. Per oz., 35 cts.; ¼ lb., $1 00; lb., $3 50 10
Collection of ten distinct varieties 50

SUNFLOWER.

(HELIANTHUS.)

A genus of well-known, tall-growing plants, with large, brilliant yellow flowers. They are very effective in proper situations, in large shrubbery borders, or as screens.

—— —— **Alba.** White, 1 ft ..... Orange, 5 ft.
—— —— **Flore Pleno.** New double. Per oz., 25 cts 5
—— **Mammoth Russian.** Very large; single. Per oz., 10 cts 5
—— **Globe-shaped Double.** Saffron. Finest of all. 6 ft. Per oz., 30 cts 5
—— **Variegated Foliage.** Very ornamental; 4 ft 5
—— **Oscar Wilde.** Single, with small flowers, very handsome; 8 ft. Per oz., 30 cts 5
—— **Cucumerifolius.** Habit very branching, growing about 3 feet high and blooming profusely throughout the season; flowers 2 inches in diameter, orange-yellow with black center 10

SWEET WILLIAM.

(DIANTHUS BARBATUS.)

A well-known free-flowering popular favorite; the great improvements upon the old varieties made within the last few years have rendered it still more desirable; hardy perennials.

Sweet William, Auricula-Flowered. A very handsome variety, producing immense trusses of bloom 10
—— —— **Double Flowering.** Mixed. 1½ ft 10
—— —— **Nigricans.** Dark crimson. 1½ ft 10
—— —— **White.** Useful for bouquets. 1½ ft 10
—— —— **Fine Mixed.** Per oz., 40 cts 5

SWEET SULTAN.

(CENTAUREA MOSCHATA.)

Sweet-scented, profuse flowering plants, very effective in mixed or shrubbery borders; the flowers emit a delicate honey perfume, and are much prized for bouquets; grow freely in rich soil; hardy annuals.

Sweet Sultan. Purple; 1½ ft 5
—— —— **White.** 1½ ft 5
—— —— **Suaveolens.** Beautiful yellow; 1½ ft 5
—— —— **Mixed Colors** 5

TACSONIA.

A beautiful climber for house or conservatory; flowers abundantly, and nearly the whole season; closely allied to the Passion Flower. They require a fine rich loam, plenty of light and moisture; half-hardy perennials.

Tacsonia Ignea. Scarlet; 10 ft 25
—— **Von Volxemi.** Large flowered; bright scarlet ... 25

THUNBERGIA.

Extremely ornamental climbers, much admired, very free bloomers. Sow in strong hot-bed in April, after moistening the seed; pot first into sandy loam and peat, afterwards use a good portion of poor lime-rubbish. In flower July to October; half-hardy annuals; 4 feet.

Per Pkt.

Thunbergia Alata. Yellow or buff, with dark eye..... 5
—— **Aurantiaca.** Bright orange, with dark eye..... 5
—— **Bakerii.** Pure white..... 5
—— **Sulphurea.** Sulphur yellow, dark eye..... 5
—— **Freyerii.** Buff..... 5
—— **Finest Mixed.** Per oz., 40 cts..... 5

GREENHOUSE VARIETIES.

Thunbergia Fragrans. White.....25
—— **Harrisii.** Blue.....25

TAGETES.

Beautiful and delicate fern-leaf plants, forming compact bushes covered with neat, bright-colored blossoms; half-hardy annuals.

Tagetes Pumila. Brown and yellow; very compact grower; 1 ft.....10
—— —— **Golden Ring.** New; color rich orange; an abundant bloomer.....10

TORENIA.

Torenia Fournieri. A most charming half-hardy annual, bearing large sky-blue flowers, with three spots of a dark indigo-blue, and a bright yellow stain in the center. Sown February to April in pots, and kept under glass, it will thrive equally well if planted out in the summer months in the open ground.....25
—— **Baillonii.** A very pretty and distinct species, bearing bright yellow flowers, with purplish brown tube.....25
—— **"White Wings."** Unusually attractive, being pure white with flush of rose at the throat....25

TRITOMA.

Interesting and showy plants, with flower stalk 3 feet high, covered for about a foot with bright orange-scarlet flowers. Very effective if planted in clumps or among shrubbery ; rich soil.

Tritoma Uvaria Grandiflora. (Red-Hot Poker.) Half-hardy perennial.....10
—— **Saundersi.** New magnificent species.....25

TYDÆA.

A beautiful class of dwarf free flowering greenhouse plants, producing a great variety of magnificent colors. Its dwarf habit renders it very valuable for florists, being equally as pretty as Gloxinias, blooming at the same time if sown early.

Tydæa, Choice Mixed. Greenhouse perennial.....50

TROPÆOLUM.

(CLIMBING NASTURTIUM.)

These elegant climbing plants, which are yearly rising in repute, are very beautiful. The brilliance of the Lobbianum varieties renders them invaluable adjuncts to the greenhouse or conservatory for winter flowering or general flower garden in summer. Tropæolum Canariense, better known as the Canary-bird Creeper, should be raised in a frame and planted out in June; half-hardy annuals.

Per Pkt.

Tropæolum Canariense. (Canary-bird Vine.) Bright yellow; 12 ft.....10
—— **Speciosum.** Small, intense scarlet; beautiful, ripens very few seed.....25
—— **Majus.** Tall Nasturtium. Mixed. Per oz., 15 cts..... 5
—— —— **Crimson.** Per oz., 15 cts..... 5
—— —— **Scarlet.** Per oz., 15 cts..... 5
—— —— **Orange.** Per oz., 15 cts..... 5
—— —— **Yellow.** Per oz., 15 cts..... 5
—— —— **King Theodore.** Per oz., 15 cts..... 5
—— —— **Regelianum.** Per oz., 15 cts..... 5
—— —— **Lobbianum, Extra Mixed.....10
—— —— **Lucifer.** Very dark scarlet..... 10
—— —— **Spitfire.** Brilliant scarlet.....10
—— —— **Collection** of eight separate colors.....40

VERBENA.

The Verbena is deservedly a universal favorite, unrivaled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Treat as tender annuals. Sow in a hot-bed in March or April, and plant out in May. Seed sown in the open ground will flower in August.

Verbena Hybrida, Extra Choice Mixed. Saved from a splendid collection of named varieties.....25
—— **Fine Mixed Varieties.....10
—— **Pure White.....25
—— **Scarlet.** Extra fine 25
—— **New Large-Flowering.** Finest mixed..... ...25
—— **New Compact White.** Dwarf bushy habit.....10
—— **Citriodora.** (Lemon-scented Verbena)... 10

VINCA.

These beautiful greenhouse perennials may be treated as tender annuals for the garden. If sown under glass, and strong plants are set out early in a warm situation, they will flower in the summer and autumn, and may be potted for the house before frost.

Vinca Rosea. Rose, 2 ft.....10
—— **Rosea Alba.** White, red eye.....10
—— **Alba Pura.** Pure white.....10

VALERIAN.

Showy plants for mixed borders or shrubberies, bearing large corymbs of bright flowers; bears shade and moisture well; hardy perennial.

Per Pkt.

Valerian. All colors, mixed..... 5

VIOLA. (VIOLET.)

Deservedly much in demand on account of their profusion of bloom, which lasts from early spring throughout the summer months, forming very effective beds either by themselves or mixed with other plants. Sow in cool pit or warm border.

Viola Odorata. Sweet-scented Violet, blue.....10
—— Cornuta. Mauve colored.....10
—— —— Alba. Snow white 10
—— Lutea Splendens. Yellow.....10
—— Finest Mixed.....10

VIRGINIAN STOCK.

Charming dwarf free-flowering plants, extremely effective in small beds, baskets or as edgings. Annuals.

Virginian Stock. Red and white mixed..... 5

WAHLENBERGIA.

A very interesting family of hardy, perennial plants, with Campanula-like flowers of white and blue, which are exceedingly beautiful. Sow under glass, or in the house, early in April, and transplant to open ground in May.

Wahlenbergia Grandiflora. Deep blue, 4 ft.....10
—— Grandiflora Alba. Pure white, 4 ft.....10
—— —— Nana. New dwarf, dark blue, 1 ft.....10

WAITZIA.

Beautiful everlastings, bearing their flowers in clusters, and growing freely in any good, light soil. For winter bouquets, cut the flowers before they are fully expanded. Half-hardy annuals.

Waitzia. Mixed varieties 10

WALLFLOWER.

Well-known deliciously fragrant plants, with large spikes of double flowers similar to the Gilliflower. Succeed in light, rich soil, in a moist atmosphere. Perennials.

Wallflower, Double Branching. Finest mixed.....10
—— —— Collection of six separate colors.....50
—— Single. Fine mixed..... 5

WHITLAVIA.

A beautiful free-flowering plant, with rich bell-shaped blossoms. Hardy annual.

Whitlavia Grandiflora. Fine violet-blue, 1 ft..... 5
—— Gloxinoides. Pure white, with blue lip.....10

WIGANDIA.

Magnificent ornamental foliaged plants, with immense richly veined leaves, the stems covered with crimson hairs. Of rapid growth and splendid habit, it forms one of the finest objects amongst ornamental foliaged plants.

Wigandia Caracasana. Blue flower, 7 ft.....10
—— Vigieri. Superb, glaucous foliage, 8 ft 10
—— Imperialis. A superb, new variety, with much larger and firmer leaves.....10

XERANTHEMUM.

Exceedingly free-blooming everlastings. The flowers, when gathered young, are useful for winter bouquets; they are among the most easily cultivated of annuals, requiring only to be sown about May, in the open border, and thinned out for flowering. Hardy annuals.

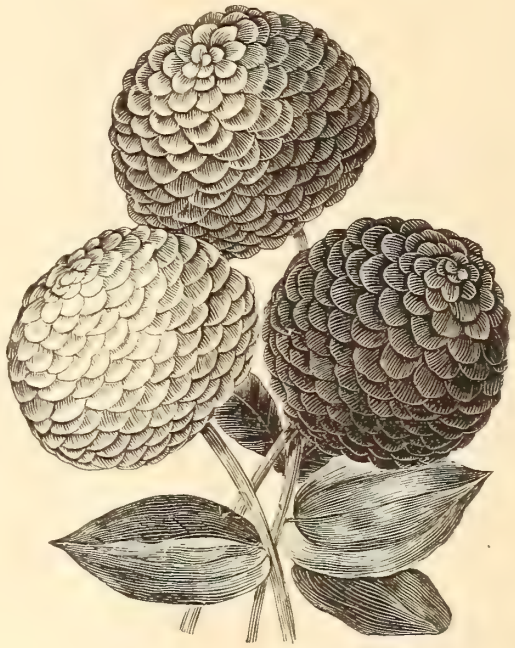
Per Pkt.

Xeranthemum Double. Mixed colors, 2 ft..... 5

ZEA.

Ornamental foliage plants of great beauty.

Zea Japonica. (Variegated Japanese Maize.) Large tufty foliage, broadly ribboned in its length with alternate stripes of white and green; 4 ft. Per oz., 20 cts..... 5
—— Gracillima. Miniature maize, very graceful habit. Per oz., 20 cts..... 5



ZINNIA ELEGANS.

This is one of the most brilliant of annuals, and has long been a general favorite. The flowers are large, finely formed, and in great variety of color. Seed sown early under glass will commence flowering in June, and continue the whole season. They require little attention, and any common garden loam. Half-hardy annuals.

Zinnia Elegans fl. pl. Tall double finest mixed, 2 ft. Per oz., 40 cts..... 5
—— —— Tall Double Scarlet, 2 ft..... 5
—— —— —— —— White, 2 ft..... 5
—— —— Pumila fl. pl. Finest dwarf double mixed, 1 ft.....10
—— —— —— Coccinea. New dwarf double, fiery scarlet, splendid 10
—— —— —— Alba. New dwarf double, white.....10
—— —— Pompone. New varieties mixed.....10
—— —— Grandiflora Robusta. New large-flowering double mixed.....10
—— Haageana fl. pl. Beautiful flowers of a deep orange yellow, keeping their colors when dried.10
—— Collection of ten tall double varieties.....50
—— Collection of six new dwarf double varieties.....50

WM. ELLIOTT & SONS'

LIST OF CHOICE

VEGETABLE SEEDS.

We desire to call the particular attention of our friends and patrons to the following List of Vegetable Seeds, which will be found to embrace all the leading and most popular varieties in cultivation, including all novelties of merit.

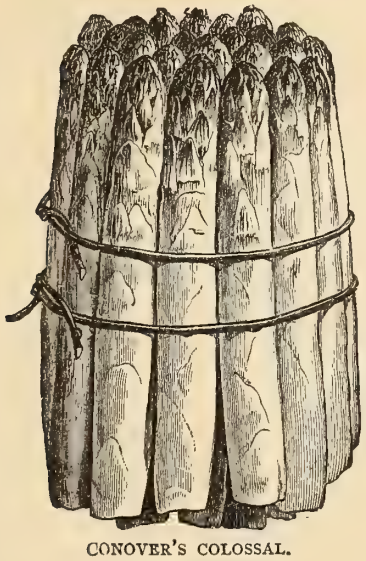
We exercise the greatest care in the selection of our stocks of Vegetable Seeds, discarding all varieties that our experience has proved to be unworthy of cultivation.

All our Vegetable Seeds are true to name, and their germinating qualities having been effectually tested, they are confidently offered as being THE VERY BEST THAT CAN BE PROCURED.

☞ **See page 48 for Novelties and Specialties in Vegetable Seeds.**

VEGETABLE SEEDS BY MAIL.

We forward Vegetable Seeds FREE BY MAIL, when desired, at prices quoted, excepting Peas, Beans and Corn. For Peas and Beans add 15 cents a quart, and for Corn 10 cents a quart, to Catalogue rates when the Seed is to be sent by mail.



CONOVER'S COLOSSAL.

ASPARAGUS.

One ounce will sow 40 feet of drill.

Sow the seed early in spring in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds. In planting for private use, set out in rows 2 feet apart, and allow 12 inches in the row. Set the plants at least 6 inches below the surface. For market on a large scale, set 4 feet apart one way and 2 the other, which will allow the use of a horse and cultivator to keep the weeds under.

If the plot is made sufficiently rich when the plants are set, they will make a large growth the first summer, and the shoots may be cut from them the succeeding year. Any well-treated plot ought to produce a moderate crop the second year after planting. Remove the dead brush late in the fall or early in the spring of each year, and apply broadcast a dressing of manure. A plot of Asparagus will reach its maturity in its fifth or sixth year; after that the size of the shoots will diminish, but their numbers will increase.

Conover's Colossal. Of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts. Fine two-year old roots, $1.00 per 100; $7.00 per 1,000.

Barr's Mammoth. Extra large and fine variety. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50. Two-year old roots, $1.25 per 100; $9.00 per 1,000.

ARTICHOKE.

Sow early in spring in drills an inch and a half deep, and 1 foot apart. The next spring transplant to permanent beds, in rows or hills, 3 feet apart, and 2 feet between the plants. It likes a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue in bearing for several years.

Large Green Globe. Per pkt., 5 cts.; oz., 30 cts.
Large Paris. Per pkt., 10cts.; oz., 40 cts.

FLAGEOLET WAX.

BEANS, DWARF OR BUSH.

Bush Beans may be had in fine condition throughout the season by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills 3 feet apart and 1 inch deep.

One quart will plant 100 feet of drill.

☞ *Special rates by the bushel to Market Gardeners and Truckers.*

Henderson's Bush Lima Bean. Compact bush form, about 18 inches high; produces enormous crops of delicious Lima Beans. Per pkt., 10 cts.; ½ pt., 40 cts., pt., 75 cts.; qt., $1.00.

Yosemite Mammoth Wax Bush Bean. A giant among Beans. Should be found in every garden. Per pkt., 15 cts.; ½ pt , 75 cts.; pt., $1.25; qt., $2.00.

Early Feejee. Very early and prolific. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

Early Mohawk. Very early, hardy, productive and of rich flavor; extensively planted in the Southern States for shipping to Northern markets. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

Early Red Valentine. Early, productive, tender and succulent and of fine flavor; remains longer in the green state than most of the varieties. Per pt., 15 cts.; qt., 25 cts.; pk , $1.25.

Newington Wonder. Very productive, pods crisp and tender; a valuable variety for forcing. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

Early China. An old standard variety that is very early. Per pt., 15 cts.; qt., 25 cts.; pk, $1.50.

Long Yellow Six Weeks. A very early, prolific and excellent variety. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

Green Flageolet (Wonder of France). The best of the newer dwarf French varieties; the pods are long and straight. The beans are bright green, retaining their fresh appearance when cooked. Per pt., 15 cts ; qt , 30 cts.; pk., $2.00.

Refugee, or Thousand to One. Very tender and productive; the best variety for pickling. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

Low's Champion. Very productive, with perfectly stringless, large, green, flat pods. Per pt., 15 cts.; qt., 30 cts.; pk., $2.00.

BEANS, DWARF OR BUSH—*Continued.*

Wardwell's Dwarf Kidney Wax. Extra early; purely wax pods, long, flat and remarkably free from rust. Per pt., 15 cts.; qt., 30 cts.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

Canadian Wonder. Very large pods, a good bearer. Per pt., 15 cts.; qt., 30 cts.; pk., $2.00.

Large White Kidney. Excellent as a Shell Bean, green or ripe. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

DWARF WAX VARIETIES.

Golden Wax. A very early stringless variety. Pods very long, tender, brittle and of delicate flavor. Per pt., 20 cts.; qt., 30 cts.; pk., $2.00.

Black Wax, or Butter. One of the most desirable varieties grown. The pods are translucent, waxy-yellow and stringless. Per pt., 20 cts.; qt., 30 cts.; pk., $2.00.

White Wax. One of the best for family use. Stringless waxy-yellow pods, very brittle, tender, and of delicious flavor. Per pt., 20 cts.; qt., 30 cts.; pk., $2.00.

Ivory Pod Wax. One of the most prolific and earliest of the wax varieties. Per pt., 20 cts.; qt., 35 cts.; pk., $2.50.

Crystal White Wax. Pods of rich and tender flavor. Excellent for canning. Per pt., 20 cts.; qt., 35 cts.

Dwarf Mont D'Or. One of the earliest of the wax varieties. The vines grow vigorously and are profusely laden with waxy-yellow pods. Per pt., 20 cts.; qt., 35 cts.; pk., $2.50.

Flageolet Wax. One of the best wax sorts; early, very productive, with pods one-third longer than any other variety of Wax Beans. Per pt., 20 cts.; qt., 35 cts.; pk, $2.50.

BEANS, POLE OR RUNNING.

One quart will plant about one hundred and fifty hills.

The planting of the various sorts of Pole Beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas, being very tender, will do better if not planted in the open ground before the first of June. Plant in hills about 3 feet apart, and 1 or 2 inches deep, using five or six seeds to each hill, and set a pole firmly in the center. Manure liberally in the hill with well-composted fertilizer. Thin the plants, leaving three in each hill. Beans of a flat shape should be placed in the soil with the eye down; planted thus they come up more readily.

Extra Early Lima. Of the same size and general appearance as the large Lima, but from ten to twelve days earlier. Per pt., 25 cts.; qt., 50 cts.

Large Lima. This is deservedly the most highly-esteemed pole bean in cultivation. Per pt., 20 cts.; qt., 40 cts.; pk., $2.50.

Dreer's Improved Lima. A distinct variety, more productive and earlier than the large Lima. Per pt., 20 cts.; qt., 40 cts.; pk., $3.00.

King of the Garden Lima. Large in pod and bean. A very productive variety. Per pt., 25 cts.; qt., 50 cts.

Early Dutch Case Knife. Very early and prolific, fine shelled, green or dry. Per pt., 20 cts.; qt., 40 cts.

Greer's Golden Cluster. Very productive; large, golden yellow, fleshy and tender pods. Per pt., 30 cts.; qt., 60 cts.

Horticultural Cranberry. One of the best for family use. The pods are very tender, and of fine quality. Per pt., 20 cts.; qt., 35 cts.

Scarlet Runner. Cultivated for the beauty of its flowers. It is also a valuable esculent. Per pt., 20 cts.; qt., 35 cts.

White Runner. Similar to the preceding, except flowers are white. Per pt., 20 cts.; qt., 35 cts.

Giant Red Wax. Pods long, clear, waxy-yellow; thick and fleshy; very productive; when cooked, tender and delicious. Per pt., 25 cts.; qt., 50 cts.

BEANS, POLE OR RUNNING—*Continued.*

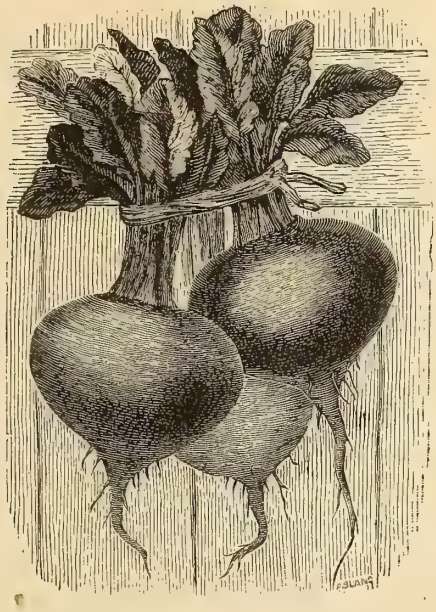
German Black Wax. One of the best varieties either for snaps or shelled in the green state. Per pt., 20 cts.; qt., 40 cts.

BEANS, ENGLISH OR BROAD.

Plant 4 inches apart and 2 inches deep, in drills 4 feet apart, as early in spring as the ground can be worked. To ensure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

Green Longpod. Of a deep green color when cooked. Per pt., 20 cts.; qt., 30 cts.

Broad Windsor. A standard variety. Per pt., 20 cts.; qt., 35 cts.



EARLY BLOOD TURNIP BEET.

BEET.

One ounce sows 50 feet of drill; 5 to 6 lbs. for one acre.

A rich, deep, open soil is best suited to the culture of Beet; fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in spring, as soon as the ground becomes fit to work, in drills about 1 foot apart and 2 inches deep, pressing the earth firmly upon the seed—a very important matter. For main crop sow the first week in May, and for winter use sow in June. When the plants have attained three or four leaves, thin out, so that they may stand 8 or 9 inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be trimmed off, but care must be taken not to bruise the main root.

Lentz. Fine, round form, very smooth, dark blood-red, flesh very tender and sweet. Grows a very small top, and is a perfect keeper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Mammoth Chilian Beet. The leaves are over 3 feet in length by 1 foot in width, having a glistening varnish-like surface, contrasting finely with the broad mid-ribs of various bright shades of scarlet, crimson and yellow. Per pkt., 10 cts.; oz., 20 cts.

Dark Red Egyptian. The earliest variety, flat in shape, free from coarse roots, and with a small top; when full grown, becomes rather fibrous. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early Blood Turnip. The leading early sort; very tender and of good flavor; also fine for late use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

BEET—*Continued.*

Edmands' Early Turnip Beet. Deep blood skin and very dark flesh of best quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early Eclipse. Very early, dark blood-color, small top, and free from fibrous roots. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early Flat Bassano. A standard early variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Dewing's Turnip Blood. Of a dark blood-red color, smooth and handsome, excellent market variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

EDMANDS' EARLY TURNIP BEET.

Bastian's Early. As early as Bassano, but of better color, being much darker, a very rapid grower, and much used for the early market. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long Smooth Blood. A prolific variety, very dark in color; stands drought better than the turnip varieties. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

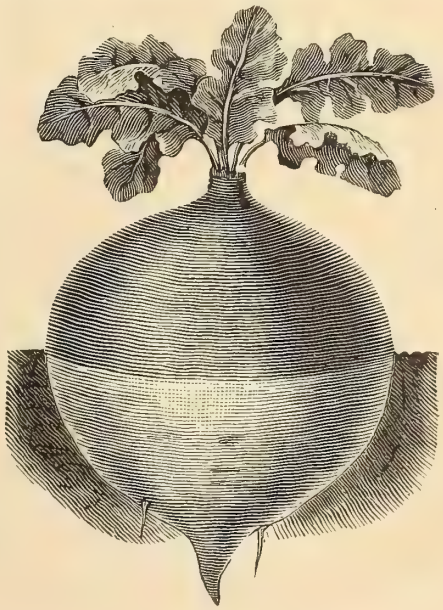
Swiss Chard. Used as Greens, and the ribs of the leaves cooked and served as Asparagus. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

MANGEL WURZEL.

Sow in April or May. Six pounds to the acre.

Mangel Wurzel, Mammoth Long Red. A long red variety, preferred by many to common Long Red, as it is considered of better keeping quality; good for deep soils. Per oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Norbiton Giant, Long Red. One of the finest quality in cultivation; grows to an enormous size. Per oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.



YELLOW GLOBE MANGEL.

MANGEL WURZEL—*Continued.*

Mangel Wurzel, Yellow Globe. Does better on shallow soils than the long varieties, and is more easily pulled; it is also of a richer quality, and an excellent keeper. Per oz., 10 cts.; ¼ lb., 15 cts.; lb., 30 cts.

Mangel Wurzel, Ovoid Yellow. A rather longer root than Yellow Globe; in some soils producing larger crops also; quality excellent. Per oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

White Sugar Beet. The variety so much grown in Europe for sugar-making; very sweet, and keeps well; much relished by stock. Per oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

DWARF GREEN CURLED KALE.

BORECOLE, OR KALE.

One ounce will sow a bed of 40 square feet, and produce about 3,000 plants.

Sow early in May, in a prepared bed, and transplant in June, setting the plants and cultivating in the same manner as for Cabbages. A strong soil, well manured, is required. The many varieties of Borecole are all most delicious—more delicate than Cabbage, when boiled, the quality being improved after a light frost.

Dwarf Green Curled, German Greens or "Sprouts." Should be sown in August, in rows a foot apart, and treated the same as Spinach. In this way early spring Greens are obtained. For fall use sow in May. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Dwarf Brown or Purple Curled. A handsome variety for spring sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

BROCCOLI.

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seed should be sown in this district in the early part of May, and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

White Cape. Heads medium size, close, compact, and of a creamy white color, one of the most certain to head. Per pkt., 10 cts.; oz., 50 cts.

Purple Cape. Differing from the preceding in color, which is of a greenish purple; it is also rather hardier. Per pkt., 10 cts.; oz., 40 cts.

Walcheren. A valuable variety, with very large, firm heads. Per pkt., 10 cts.; oz., 50 cts.

BRUSSELS SPROUTS.

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like Cabbage. This vegetable does not require extremely high cultivation, however. It is ready for use late in autumn, after the early frosts.

Tall French. Very fine. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Dwarf Improved. A variety producing compact sprouts of excellent quality. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

CABBAGE.

One ounce for a bed of 40 feet will produce about 3,000 plants. ¼ lb. for one acre.

For early use, sow the seed in hot beds in February or March, or may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May, and the plants set out in July, 2½ by 3 feet.

Early York. A well-known early variety; of small size; shape, roundish oval; not grown as extensively as formerly. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.

Early Etampes. A new variety, eight days earlier than the Oxheart, with a larger and more pointed head. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Winningstadt. A sugar-loaf variety, some three weeks later than the earlier sorts; grows to good size, and does better on lighter soils than other sorts. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Selected Early Jersey Wakefield. A standard, very early variety; of medium size; in shape pyramidal, with a rounded peak; being very hardy, is well fitted to winter in cold frames; permits of close planting; needs an abundance of manure, and is reliable to head; bears handling well. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.50.

EARLY JERSEY WAKEFIELD.

Henderson's Early Summer. (Early Flat Dutch.) A few days later than Wakefield, rather larger, and more globe-shaped; much used by market-gardeners; stands long in head. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.50.

CABBAGE—*Continued.*

Gregory's All Seasons. One of the very best for second-early and late, as early as Early Summer, but one-third larger, heads very solid and heavy, and of the best quality. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.00; lb., $3.50.

Fottler's Brunswick. An early Drumhead variety, producing very solid heads, weighing from 20 to 30 pounds each, of the finest quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Large Late American Drumhead. One of the largest, most solid and best keeping late varieties. This variety seldom fails to head, and is of good quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

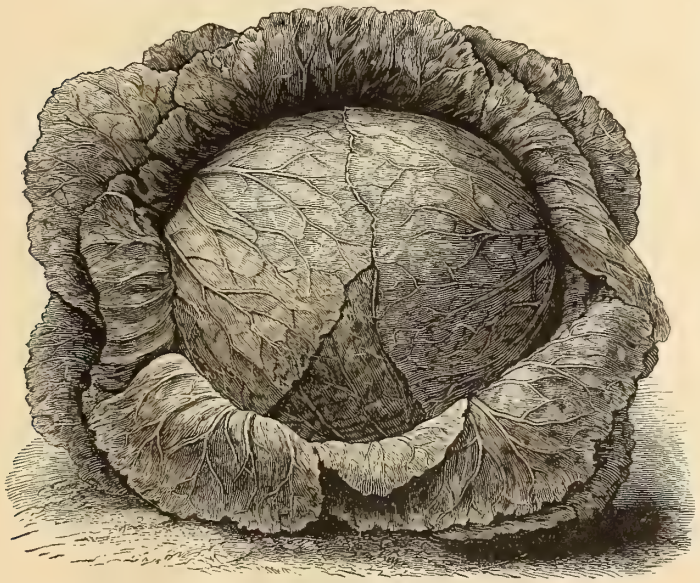
Excelsior Premium Flat Dutch. (Selected Stock.) A very popular and highly esteemed variety; in its keeping qualities, unsurpassed. Both for market and family use this variety is more extensively cultivated than any other. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Marblehead Mammoth. The largest variety of Drumhead known; needs to be set about 3 feet apart each way; often grows to weigh 60 pounds per head; not considered the most profitable sort. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Perfection Drumhead Savoy. For winter use this variety is unsurpassed. Heads large and solid, very tender and of excellent flavor. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Red Dutch. Used for pickling, for which purpose it is the best variety grown. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.



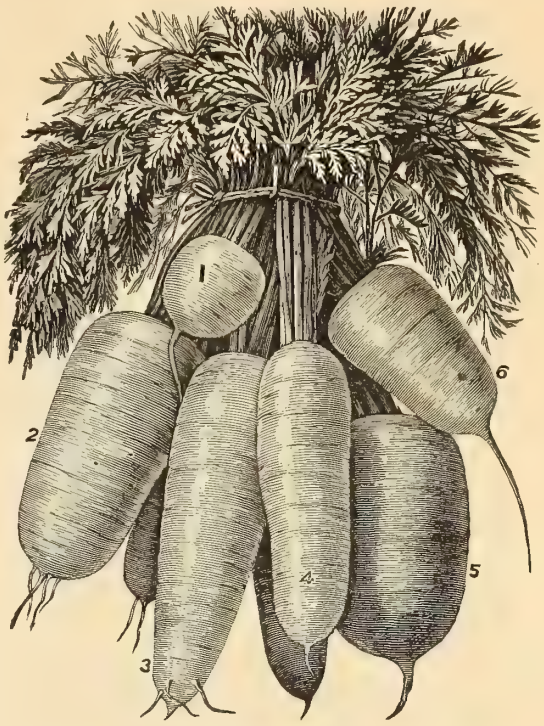
EXCELSIOR PREMIUM FLAT DUTCH.

Early Blood Red Erfurt. Earlier than the preceding; valuable for pickling. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

CHERVIL.

(CURLED.)

An aromatic herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, 1 foot apart. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00.



CARROT.

One ounce will sow 100 feet of drill; 3 to 4 pounds for 1 acre.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It is best to sow on ground that has been well manured the previous year for some other crop, such as Celery, Potatoes, Onions or Peas, but avoiding such crops as Cabbage or Turnips, or any of the tap-rooted section. For early and main crops sow the latter part of April; for later crops they may be sown any time until the beginning of June. Sow in rows about 15 inches apart, and half an inch deep, thinning out 3 or 4 inches between the plants.

Early French Forcing. The earliest variety, valuable for forcing, root small, and of fine flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00. (Cut 1.)

Early Scarlet Horn. An old and favorite sort, esteemed for summer use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00. (Cut 6.)

Half Long Red. (Stump Rooted.) Intermediate in size and period of maturity between the preceding and Long Orange. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 75 cts. (Cut 4.)

Early Half Long Scarlet. (Pointed Rooted.) Similar to the preceding, except that it is pointed instead of stump rooted. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 75 cts.

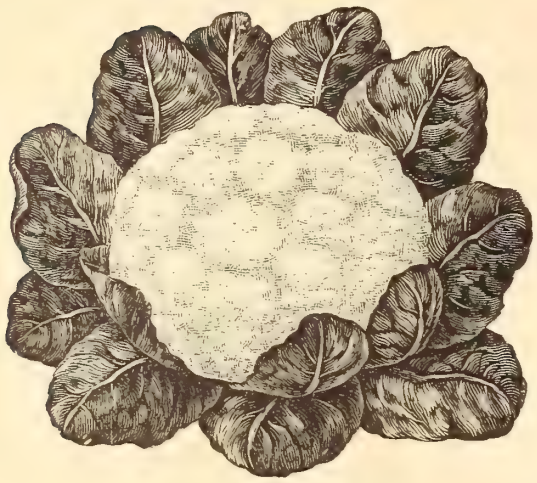
Danvers Half Long Orange. This variety is extensively cultivated, both for market and family use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00. (Cut 3.)

Guerande Stump Rooted. An excellent new variety of fine quality and very productive. Per pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25. (Cut 5.)

Long Orange Improved. Roots of large size, equally adapted for garden or farm culture. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Altringham. Large and fine flavored red Carrot; an excellent sort. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Large White Belgian. A very productive kind, grown almost exclusively for stock. Per oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.



EARLY SNOWBALL CAULIFLOWER.

CAULIFLOWER.

One ounce will sow a bed of 40 square feet, and produce about three thousand plants.

Cauliflower delights in a rich, moist soil, and in dry seasons should be abundantly watered. Sow the first week in May, and prick out on a rich piece of ground; transplant in July. For wintering under glass, sow in the second and last week in September; transplant thickly into a cold pit or frame; give plenty of air in mild weather, and cover up well in very severe. Again, sow in February on a hot-bed, and transplant in April. For Cauliflower, the ground should be well prepared by trenching, incorporating at the same time a good share of rotten manure. Select new ground, if possible, as Cauliflower rarely succeeds on ground which has been cropped year after year with other kinds of vegetables. Plant in rows, plants 20 inches asunder, and 2 feet between the rows.

Carrara Rock. The earliest variety grown, producing perfectly formed, compact, and almost snow-white heads of the finest quality. The surest to head. Per pkt., 50 cts.; ¼ oz., $2.00.

Early Snowball. (True.) One of the very earliest and most reliable sorts. It is dwarf and compact. Heads large and of superior quality. Per pkt., 25 cts.; ¼ oz., $1.00; oz., $3.00.

Early Dwarf Erfurt. An early market variety, producing large compact heads of fine quality. Per pkt., 15 cts.; ¼ oz., 75 cts.; oz., $2.00.

Half Early Paris. (Nonpareil.) One of the most popular varieties grown; good for early or late crops. Per pkt., 10 cts.; oz., 60 cts.

Lenormand's Short-Stemmed. An excellent late variety, with large heads of superior quality. Per pkt., 15 cts.; oz., 75 cts.

Large Late Algiers. An excellent late sort, getting into general favor. Per pkt., 15 cts.; oz., 75 cts.

Veitch's Autumn Giant. A valuable late variety, particularly in the Southern States. Per pkt., 15 cts.; oz., 75 cts.

CHICORY.

Common. This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in Autumn into sand in a cellar; the shoots, which will come up soon, form the "Barbe de Capucin." Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Large Rooted. Used to mix with or as a substitute for coffee. Cultivation same as the Carrot. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

CELERY.

One ounce will sow a bed of 9 square yards, and produce about seven thousand plants.

Celery is generally grown as a second crop, following early cabbages, onions, peas, etc. The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 6 inches between plants in the row. Some gardeners trim off the tops a little, while the plants are small, to make them more stocky. Keep down all weeds, and, as fall approaches, draw earth up to the plants, keeping the stalks well together. This earthing up is continued at intervals, until only the leaves appear above the soil. When well blanched it is ready for use. For winter use it is usually placed in trenches, and covered with earth and litter, or stored in cool cellars. Comparatively few soils are well suited to celery culture. Rich, mellow soils, of a sandy nature, are best; while soils that settle and become hard after rain are unsuitable. The seed, being very small, should be covered lightly, and the earth *firmly pressed* down upon it.

Golden Heart, or Golden Dwarf. Very solid, of excellent flavor, and one of the best for either home or market use. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Crawford's Half Dwarf. (Henderson's Half Dwarf.) A superior white variety of intermediate size; crisp and solid. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Giant White Solid. A favorite strong growing variety; hardy, solid and crisp. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Early Arlington. Quite early, and blanches rapidly. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

GOLDEN SELF-BLANCHING.

Perfection Heartwell. This is one of the very best varieties in cultivation, stalks long and thick, very compact, crisp, and of fine flavor. Per pkt., 10 cts.; oz., 50 cts.

CELERY—*Continued.*

White Walnut. New; a rich walnut flavor, very desirable. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Dwarf Thick Stalk. New; very broad thick stalks, solid, crisp, and fine flavored. Per pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

Boston Market. A well-known leading variety, crisp, solid, and of fine flavor. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

White Plume. A valuable early and exceedingly ornamental variety, requires very little labor in blanching, one of the best for family use. Per pkt., 10 cts.; oz., 40 cts.

Golden Self-Blanching. A fine solid variety on the style of White Plume, except that it is golden yellow where the Plume is white, and contrasts well with that sort. Per pkt., 10 cts.; oz., 50 cts.

Sandringham White. A superior English variety, dwarf, crisp, and juicy. Per pkt., 5 cts.; oz., 20, cts.; ¼ lb., 60 cts.; lb., $2.00.

London Red. The best red Celery in cultivation, flavor superior to the white. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

Mammoth Red. Very vigorous in growth. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Celeriac or Turnip-Rooted Celery. Has edible roots, for soups and stews. Per pkt., 5 cts.; oz., 20 cts.

Soup Celery. Used for flavoring only. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

SWEET CORN.

Prices quoted do not include postage, which is 10 cts. per quart additional. Special prices by the bushel to Market Gardeners and Truckers.

One quart will plant 200 hills; one peck will plant one acre in hills.

Sweet corn may be either sown in rows 4½ feet apart, and the seeds planted at about 8 inches in the rows, or planted in hills at distances of 3 and feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or richer the soil, the greater should be the distance apart. The first plantings in this vicinity are made about the middle of May, and successive plantings every two or three weeks until the first week in July. In the more Southern latitudes, planting is begun a month earlier and continued a month later.

Gold Coin Sweet Corn. It surpasses the Stowell's Evergreen in sweetness and delicacy of flavor, and has proved ten days earlier and one-third larger in size. Per pkt., 10 cts.; ½ pt., 25 cts.; pt., 40 cts.; qt., 65 cts.

Ne Plus Ultra Sweet Corn. In sweetness and delicious flavor it is not surpassed, if equaled, by any other variety. The ears are below medium size, but several grow on a stalk. Per pt., 15 cts.; qt., 30 cts.

Early Minnesota. Very early, ears fair sized and uniform, plant rather dwarf; one of the best early kinds. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

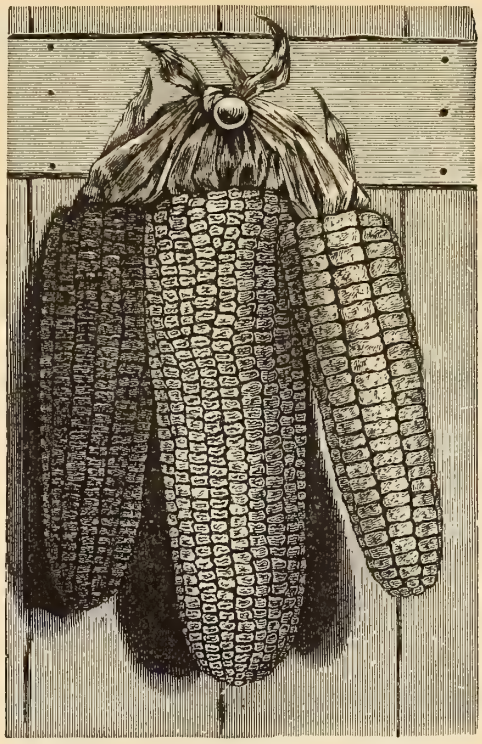
The Cory. The earliest Sweet Corn in cultivation, being ready for the market a week earlier than the Marblehead. Ears of good size and handsome. Per pt., 15 cts.; qt., 25 cts.; peck, $1.50.

Marblehead, Extra Early. An improvement on early Narragansett. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Crosby's Early. One of the best of the early sorts, ears short, from 12 to 16 rows. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Moore's Early Concord. Ears large and well filled, from 12 to 20 rows, the earliest of its size, a superior variety. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

SWEET CORN—*Continued.*



CROSBY'S. EVERGREEN. MINNESOTA.

Black Mexican. Ears of a bluish black color when dry; an extremely sweet variety; ears eight-rowed and of medium size. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Early Eight-Rowed. Ears long, kernels large, deep and straight in the rows, a good variety. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Squantum, or Excelsior. Medium early, very sweet and excellent quality. It is very productive, frequently producing four to five ears to the stalk. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Egyptian, or Washington Market. One of the best of the large sorts, ears from 12 to 15 rows. A superior variety for canning. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Hickox Improved. A valuable variety for market; ears twelve-rowed, straight and handsome. Quality of the very best. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Amber Cream. Ears long, with very deep kernels, rich, sugary and tender. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Stowell's Evergreen. The latest, and said to be the sweetest variety; will keep green till frost; medium size, white, kernels small, deep, and frequently irregular in the rows. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

Mammoth Sweet. The largest late variety; twelve-to-sixteen-rowed; cob white, large, and well filled; very productive and fine flavored. Per pt., 10 cts.; qt., 20 cts.; peck, $1.25.

SWEET FODDER CORN.

For soiling. Sow three bushels to the acre, broadcast, or half that quantity in drills. Per bushel, $2.00.

EARLY CANADA FIELD CORN.

FIELD CORN.

Early Yellow Canada. A very early small-eared variety. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

Large Yellow Flint. A popular and productive variety of good quality. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

White Flint. Similar to the preceding except in color. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

Chester County Mammoth. The largest and most productive variety in cultivation. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

Longfellow. A variety well adapted for the Northern States. It is an eight-rowed yellow flint sort, with ears from 10 to 15 inches long, of an average diameter of 1½ inches. Cob small, grain large and broad. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

Leaming. Ears of good size, cob red and small, with a deep large grain of bright yellow. It is an early variety, a strong grower, and its leafy character enables it to stand until ripe, thus making it especially valuable in dry seasons. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

Blunt's White Prolific. An eight-rowed white flint variety, with short, uniform, well-shaped ears. Remarkably prolific, frequently producing six and eight good-sized ears on each stalk; has been used successfully for ensilage. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

Southern Prolific. Very desirable for ensilage; used almost exclusively in the South. Per peck, 50 cts.; bush., $1.50.

Ears of all the above sorts, 5 cts. each; 50 cts. per dozen; $3.50 per 100.

CRESS OR PEPPER GRASS.

A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

Extra Curled. Per pkt., 5 cts.; oz, 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

CORN SALAD OR FETTICUS.

One ounce will sow 20 square feet; 6 pounds will sow an acre.

Corn Salad, Fetticus or Lamb's Lettuce, is used to a considerable extent as a salad. It is sown on the first opening of spring, in rows 1 foot apart, and is fit for use in six or eight weeks from the time of sowing. If wanted to come in early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over the same way as Spinach.

Large-Seeded. The best variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

WATER-CRESS.

Water-Cress may be grown in any moist situation, but more successfully by the edge of a running brook. The seed may be sown in May, on the ground where it is intended to be grown, and the thinnings transplanted. The plants should be set not less than a foot apart. The Cress will be fit for gathering the second year.

Water-Cress, Common. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

—— —— **Erfurt.** More highly esteemed than the ordinary variety, being less pungent and of a more agreeable flavor. Per pkt., 15 cts.; oz., 75 cts.

CARDOON.

The ground upon which Cardoons are to be grown should be deeply trenched and liberally manured. Sow the seed in April in rows 4 feet apart, and when up, thin out singly 12 to 18 inches apart. Before earthing up as for Celery, which should be done on a dry day, tie up and surround each plant with straw to keep the soil from contact with the sides. In dry weather give plenty of water, and occasionally a supply of liquid manure.

Large Spanish. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

CUCUMBER.

One ounce will plant fifty hills; 2 pounds will plant one acre.

Plant, for general use, in the open ground about June 1, in hills 6 feet apart each way, and thin to three plants in a hill; the hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure, or, better still, plant on land that a crop has been taken off from, which was heavily manured for that crop. Plenty of water is the most important point, except for earliest, where the temperature must be looked to as well as the watering. A sprinkling of dry plaster will keep off the striped bug. For earliest use sow the seed in the hot-bed or greenhouse in March, in warm loam, where the temperature is about ninety degrees; cover half an inch deep, and, when the plants are of fair size, transplant into hills (made in the greenhouse), four plants in a hill, so that, when the weather permits, the whole hill can be moved to the open ground.

New Everbearing Cucumber. It is of small size, very early, enormously productive and valuable as a green pickler. Per pkt., 25 cts.; 3 pkts., 60 cts.

IMPROVED WHITE SPINE.

CUCUMBER—*Continued.*

TELEGRAPH.

Improved Early White Spine. A favorite market variety, of medium size, deep green, flesh crisp and of fine flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Extra Long White Spine. A longer variety of the preceding, and dark green in color. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Early Frame or Short Green. An old and popular variety; excellent for pickles when young. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Early Cluster. Early; extremely productive; growing in clusters. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Green Prolific. One of the best picking sorts. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Early Russian. The earliest variety; small, hardy and productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Long Green. A fine long fruit, of excellent quality; dark green. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Nichols' Medium Green. An excellent new variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Tailby's Hybrid. An excellent variety for family use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

West India Gherkin or Burr. Used only for pickles. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 75 cts.; lb., $2.50.

CUCUMBER, FRAME OR FORCING.

Sow in small pots from middle of January, in hot-bed or hot-house. When grown to three leaves plant out in a previously prepared hill of loose, rich soil, in the center of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees with sun-heat.

Burnett's Perfection, splendid.
Conqueror of the West.
Covent Garden Perfection.
Cuthill's Black Spine.
Duke of Edinburgh.
Giant of Arnstadt.
Ipswich Standard.
Lord Kenyon's Favorite.
Marquis of Lorne.
Sion House Improved.
Telegraph (True.)
Walker's Rambler.

Per packet, each 25 cts.

DANDELION.

PISSE-EN-LIT.

The Dandelion affords one of the earliest and most healthful spring greens or salad. It is best when blanched. The roots, when dried and roasted, are often used as a substitute for coffee. Sow early in spring, in drills 18 inches apart, and thin out to 6 inches in the drills. Keep clear of weeds and the following spring it will be fit for the table.

Dandelion, French. Per pkt., 5 cts.; oz., 20 cts.

Improved Large-Leaved. A new, thick-leaved variety, of great productiveness and fine flavor. Per pkt., 10 cts.; oz., 50 cts.

ENDIVE.

One ounce will sow 60 square feet.

A highly esteemed winter salad. For the first crop sow about the middle of May, and for succession in June and July. When the plants are 2 or 3 inches high, thin them out or transplant into moderately rich and rather light soil, 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched, an operation which is simply performed by tying the leaves loosely together, or by covering with boards, slates or flower-pots.

Green Curled. Beautifully curled, tender and crisp. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00

Moss Curled. More finely curled, and a heavier and more dense plant than Green Curled. Per pkt., 5 cts.; oz., 25 cts., ¼ lb., 75 cts.; lb., $2.25.

White Curled. Very tender when cut young; blanches readily. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

Broad-Leaved Batavian. (Escarrolle.) This variety is chiefly used in soups and stews; requires to be tied up in blanching. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

NEW YORK IMPROVED EGG PLANT.

EGG PLANT.

One ounce will produce about one thousand plants.

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if these are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower-boxes in the house. There are several ways of cooking, but the most common is to cut them in slices, boil in salt and water, and then fry in butter.

New York Improved. A superior market variety, of large size and fine quality. Per pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

Black Pekin. A fine variety, bearing large, round, deep purple fruits, fine grained, and of superior quality. Per pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

Early Long Purple. Early, hardy, and productive; excellent for the table. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

GARLIC.

Garlic is used for a variety of flavoring purposes. Plant the sets 6 inches apart in rows 1 foot apart. As soon as the leaves have turned the crop is matured, and may be harvested like the Onion.

Garlic Sets. Per lb., 30 cts.

KOHL-RABI.

One ounce will sow a drill of about 200 feet.

Kohl-Rabi, or Turnip-stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as for Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot form.

Early White Vienna. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb , $2.50.

Early Purple Vienna. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb.. 75 cts.; lb., $2.50.

LARGE AMERICAN FLAG LEEK.

LEEK.

One ounce will sow a drill of about 100 feet.

Leeks require a very rich, mellow soil, and a liberal dressing of well-composted manure. Sow the seed in April in rows a foot apart, and transplant in July. Land that has borne an early crop of Peas, Cabbages, etc., may thus be made use of for a second crop; but additional manure should be applied before setting out the Leeks. They should be set quite deep, and in rows 15 inches apart, with 6 inches between the plants. Care must be used to avoid having the young plants overgrown by weeds. Later in the season, draw earth up around the plants to blanch them.

Large American Flag. The kind mostly grown for market. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Large Carentan. Large growing French variety of excellent quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Large Musselburgh. A large and excellent variety. Per pkt. 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

TOMHANNOCK LETTUCE.

LETTUCE.

One ounce will sow 100 square feet or 120 feet of drill.

Lettuce is the most popular of all salads. It is easy of cultivation, but likes a rich, moist soil, and, to be crisp and tender, needs to be grown in cool weather. For winter use, sow in hot-beds every two weeks, at the rate of 1 ounce of seed to four sashes (a sash is 3 feet wide by 6 feet long); cover very lightly, and transplant first to 3 inches apart each way, afterwards to 8 inches. For garden or field, sow in rows, and cover ¼ of an inch deep, and thin to 12 inches apart in the rows.

Early Curled Simpson. Very early, and excellent for forcing. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Black-seeded Simpson. Nearly double the size of the ordinary Curled Simpson; stands the summer well. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Boston Market (White-seeded Tennis-Ball). Grown extensively by market gardeners, under glass, for winter use; very compact head, and of the best quality. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Golden Stone Head. One of the earliest and best for forcing; very solid, of superior quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $2.00.

Black-seeded Tennis-Ball. Hardy and crisp; of excellent quality; one of the earliest of the heading varieties. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Black-seeded Butter. Used extensively as an out-door variety. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Tomhannock. Exceedingly ornamental; very crisp and tender. (See cut.) Per pkt.; 5 cts.; oz., 25 cts.

Salamander. One of the best summer varieties, forming good sized, compact heads. Remains longer in head than any other variety. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Large White Summer Cabbage. Excellent for summer, heads of good size. A fine market variety. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Large India. This variety is prized for enduring the summer heat. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

All the Year Round. A very hardy, compact variety, white, solid and crisp; for summer and winter use. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

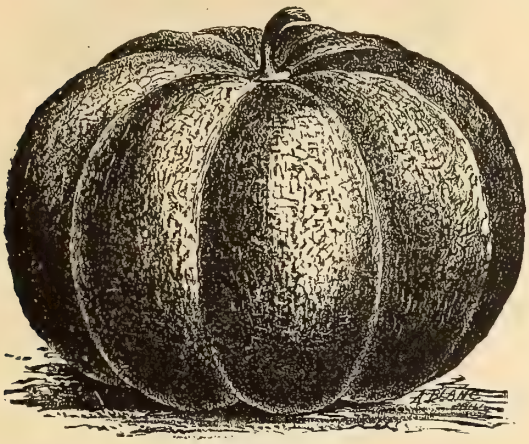
Hanson. Heads large, solid, tender, crisp, and of fine flavor; stands the summer heat well. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

LETTUCE—*Continued.*

Paris White Cos. One of the best of the upright varieties; tender and crisp; should be tied up to ensure blanching. Per pkt., 5 cts.; oz. 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Hardy Green Winter. One of the best winter varieties; very hardy and forms a solid head. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Brown Dutch. Very hardy; one of the best winter varieties. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.



MONTREAL MARKET.

MELON, MUSK.

One ounce will plant about eighty hills; 2 to 3 pounds for one acre.

Melons should be planted on a rather light, rich, sandy loam. The middle of May is early enough for planting in open ground. Make hills about 6 feet apart each way, and put in each a good shovelful of well-composted manure; press it down, and cover with earth. Upon each hill plant six to twelve seeds about half an inch deep. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends off the growing shoots to induce early fruiting. Ashes, lime, tobacco dust, or even dry road dust, is excellent to sift over the young plants when the dew is on, to prevent the attacks of insects. A few hills for early use may be had by sowing in hot-bed on pieces of sod or in pots. The seed may also be started out of doors under hand-frames or glasses.

The Emerald Gem Melon. The flesh is of a suffused salmon color, and ripens thoroughly to the extreme thin green edge. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 75 cts.; lb., $2.00.

The Miller Cream Melon. The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Jenny Lind. A very early kind, of small size, but delicious flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

White Japan. Size medium and nearly round; skin cream white and very thin; flesh pale green, early and sweet. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Green Citron. Fruit medium size, deeply netted; shape nearly round, flesh green, and of rich, delicious flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Nutmeg. Fruit nutmeg shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Golden Netted Gem. One of the very best of the early varieties; flesh light green, thick and of luscious flavor. Per pkt., 5 cts., oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

MELON, MUSK—*Continued.*

Skillman's Netted. Form roundish oval; flesh deep green, sweet and richly perfumed; early and delicious. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Sill's Hybrid. Medium size, with salmon-colored flesh; early, productive and very sweet; one of the very best. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Champion Market. One of the best varieties, flesh thick, light green, rich and sweet. Per pkt., 10 cts.; oz., 25 cts.

Montreal Nutmeg A very large melon of recent introduction; has given general satisfaction; longer in form than most of the green-fleshed sorts; grows very large, up to 15 pounds or more; excellent flavor and extremely productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Hackensack. A variety of the Green Citron, well known among the New York market gardeners. It grows to a very large size, is productive and of exquisite flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

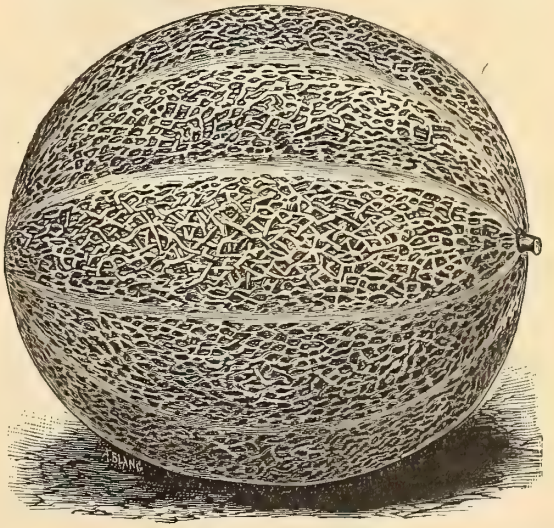
Casaba, or Persian. One of the largest and best; shape oblong, skin tender, flesh yellowish green, very sweet and of delicious flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Christina. Flesh thick, rich dark yellow, of the best quality. When ripe the melon always separates from the stem. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Surprise. A very fine new variety; flesh salmon-colored and of exquisite flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Banana Citron. A curious variety, resembling in form and fragrance the Banana, excellent when thoroughly ripe. Per pkt., 5 cts.; oz., 15 cts.

Yellow Cantelope. Flesh reddish orange, sweet and of good flavor; an early and productive variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.



CHAMPION MARKET.

Large Yellow. Used in the green state for "Mangoes." Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

MELON, WATER.

One ounce will plant about sixty hills; 4 to 5 pounds for one acre.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

The Gragg Water Melon. This melon is noted for earliness, hardiness, and great productiveness. Per pkt., 15 cts.; two pkts., 25 cts.

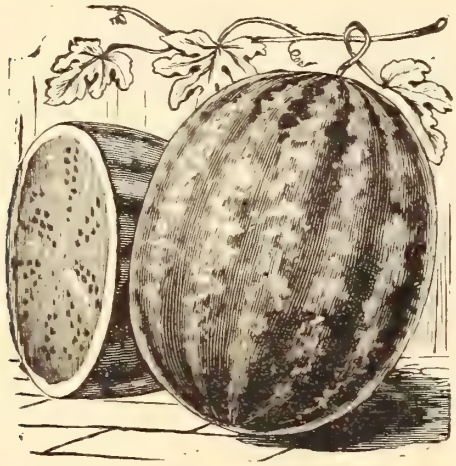
MELON, WATER—*Continued.*

Ruby Gold Water Melon. Delicious flavor. One of the juciest melons ever grown. Per pkt., 15 cts.; two for 25 cts.

Green and Gold Water Melon. The flesh is a beautiful golden orange color, and in flavor is said to surpass any of the red-fleshed sorts. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.50.

Mammoth Ironclad. A large, fine melon of excellent quality and good flavor; flesh of a dainty red color, and more crystaline than the Cuban Queen; a splendid keeper and shipper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Mountain Sweet. An old favorite; form rather long, color dark green; seeds dark; a very solid melon, sweet and crisp; a safe variety for northern growing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts., lb., $1.00.



MOUNTAIN SWEET.

Cuban Queen. One of the best varieties, of round shape and large size; flesh bright red, very crisp, delicate and sweet; color green, with indistinct stripes. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Phinney's Early Oval. Very early and sweet; flesh deep red. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Black Spanish. Round, very dark green, with scarlet flesh and black seeds; very thin rind; rather smaller than the other sorts; of delicious flavor and very sweet. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Scaly Bark. A very large, oblong variety, with a dark, tough rind, which has a peculiar scaly appearance, crimson flesh, very solid, remarkably sweet and free from fiber. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Southern Rattlesnake, or Gypsy. A very large, striped variety of oblong shape; flesh scarlet, and of superior quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

The Boss. This new melon has a very dark skin, slightly ribbed, and is long in shape. It is very heavy for its size, which, however, is not large; flesh solid, red and sugary. By many this melon is very highly esteemed. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Pride of Georgia. A new Southern variety, with a hard rind, which makes it valuable for shipping; melons round, striped light and dark green; uniformly of fair market size; flesh bright red. Ripens up well, and is of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Mountain Sprout. A large, long variety, striped skin, flesh red, of superior quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

MELON, WATER—*Continued.*

KOLB GEM.

Kolb Gem, or American Champion. The skin of this variety is dark green, marbled with lighter shades; shape slightly oval; size large and remarkably uniform; rind very thin, yet so remarkably firm and tenacious that it bears transportation without breakage and injury; flesh tender, melting, and of unsurpassed quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Ice Cream. White seeded. Fruit round, of medium size, skin pale green, flesh scarlet, crisp and delicious. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Citron for Preserving. Is used for preserves only; is very hardy and productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

MUSHROOM SPAWN.

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar or in any building where the frost does not penetrate, and in the open air during the summer and fall months. Having procured the Spawn, the next thing to be attended to is to make preparation for the beds. About a fortnight or three weeks before the beds are to be made, collect a quantity of fresh horse manure, without the straw; place it in a heap under cover, and as it heats, keep turning it over once or twice a week, until the fiery heat has been exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made

MUSHROOM SPAWN—*Continued.*

up, lay out your bed according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it well down with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the Spawn may be put into it. Break the Spawn in pieces 2 inches square, and put them 6 inches apart all over the bed, then cover the bed with 2 inches of rich soil, the stronger the better, but of a loamy quality, beating it down firmly with a spade. The soil used for this purpose should be in a pliable condition, and not too wet or over dry. Cover the bed with a foot of dry straw or hay; examine once a week to see if the manure is not heated while in this condition; if so, it will destroy the Spawn, which will require spawning a second time. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry, give a gentle watering with tepid water, using a rose on the watering pot. If the beds are made out of doors, protect them from rain by covering them with shutters or sashes. Good crops of Mushrooms can be obtained by spawning the hot-beds in spring. They can also be raised in pots, boxes, or in fact in anything capable of keeping the materials together, and placed in a cellar, closet, greenhouse or grapery. We have just received a choice lot of English and French Spawn.

English Spawn. Per lb., 15 cts.; 8 lbs. for $1.00.
French —— In boxes of 3 lbs., $1.25 each.

MARTYNIA.

A strong growing annual plant, bearing curiously shaped seed pods, which, when young and tender, make excellent pickles. Sow in the open ground in May, and thin out the plants to 2 or 3 feet apart, or a few seeds may be sown in a hot-bed, and afterwards transplanted. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

MUSTARD.

One ounce will sow about 80 feet of drill.

Mustard in a green state is a refreshing salad, mixed with Cress, Lettuce or other salad plants. It is necessary to make frequent sowings of it, as it should be cut and used in a very young state, even before the first rough leaf has appeared. For early crops the seed may be sown in a hot-bed in March; and for general crops, at frequent intervals through the spring, in drills from 8 to 12 inches apart.

White or Yellow. The best variety for salads; the seed is also used medicinally, and as a seasoning for pickles. Per oz., 5 cts.; ¼ lb., 10 cts.; lb., 30 cts.

NASTURTIUM.

One ounce will sow about 20 feet of drill.

Cultivated both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its beautiful scarlet and orange colored flowers, which bloom freely all summer, add a charm to the garden.

Tall Nasturtium. Mixed. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb. 40 cts.; lb., $1.25.
Dwarf Nasturtium. Mixed. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.

ONIONS.

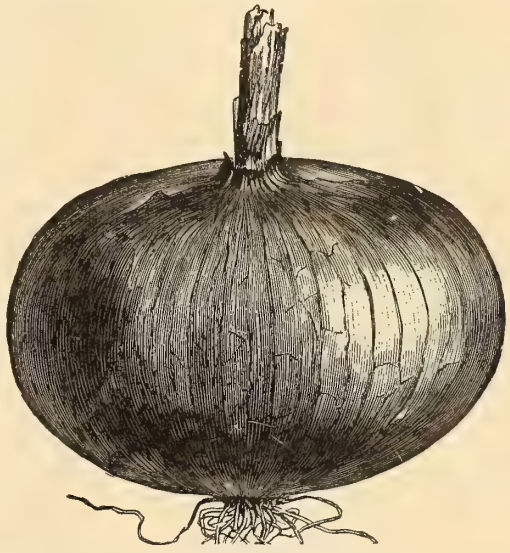
One ounce will sow 100 feet of drill; 6 pounds for one acre.

For Onion culture the ground should be prepared the previous autumn by ploughing or spading deeply, incorporating a heavy dressing of well-rotted barn-yard manure. A rather strong, deep, rich, loamy soil is considered most suitable, although we have seen splendid crops raised upon a stiff clay soil, which was well underdrained. Sow the seed as early in spring as practicable,

ONIONS—*Continued.*

in shallow drills 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller, or the back of a spade. When the young plants are strong enough, thin out to 4 inches apart. Keep the surface of the ground open and free from weeds by hoeing frequently.

Early Red. A trifle smaller, but fully ten days earlier than the Large Red Wethersfield; of milder flavor, and a good keeper. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.
Large Red Wethersfield A well-known sort, grows to a large size, very productive and an excellent keeper. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.
Mammoth Silver King Onion. Single bulbs often attain weights of 2½ to 4 pounds each. The skin is a beautiful silvery white, the flesh is snowy white and of a particularly mild and pleasant flavor. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb. $1.00; lb., $3.00.
Mammoth Red Pompeii Onion. A very fine variety, rivaling the Silver King in size; the skin is a delicate red, flesh nearly white and very mild in flavor. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.



YELLOW GLOBE DANVERS.

Yellow Globe Danvers. A very excellent variety, of globular shape; flesh white and mild flavored; skin brownish yellow. It is very productive and a good keeper. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.
White Portugal. A handsome Onion of mild flavor, fine for early winter use, and much used for pickling when small. It is not a good keeper. Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., 75 cts.; lb., $3.00.
Queen. The earliest of all Onions; remarkable for the rapidity of its growth, and very mild flavor. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.25.
White Globe. A large, globe-shaped Onion, firm, fine-grained, of mild flavor, keeps well, commands the highest market price. Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., 75 cts.; lb., $3.00.
Pale Red Bermuda. The well-known Bermuda Onion, imported seed; especially adapted for fall sowing in the South. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.
Giant Rocca. A very large variety from Naples, bright brown skin, and delicate flavor; globular in shape. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.
Giant White Italian Tripoli. Grows to an enormous size, and is of a mild and pleasant flavor. Per pkt. 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

ONIONS.—*Continued.*

Red Globe. A fine globe-shaped Onion of superior quality. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Large Italian Red Tripoli. Bulbs of this variety were exhibited in England weighing 2½ pounds; flavor is exceedingly mild and pleasant. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

ONION SETS.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the Onions can be used in the green state in June, or they will be ripened off by July.

White Onion Sets. Per qt., 30 cts.
Yellow Onion Sets. Per qt., 25 cts.
Potato Onions, or Multipliers. Per qt., 25 cts.
Top or Button Onions. Per qt., 25 cts.
Prices per bush. on application.

OKRA, OR GOMBO.

One ounce will plant about seventy-five hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May, in hills 2½ feet apart, and thin out to three plants in a hill.

Dwarf Green. Very early; smooth pods. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long Green. Long ribbed pods; very productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Dwarf Density. (See cut.) A new variety of dwarf, compact growth, bearing eight to twelve pods to a stalk; earlier than the old kinds. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

PARSNIP.

One ounce will sow 200 feet of drill; 5 lbs. for 1 acre.

Sow as early in spring as the weather will permit, in drills 15 to 18 inches apart, covering with fine soil to the depth of ½ an inch. The soil should be rich and deep, manured, if possible, the previous autumn. Thin out the young plants to about 6 inches apart, and keep the surface of the ground open and free from weeds. Aside from its merits as a table vegetable, the Parsnip is one of the best and most economical roots for field culture, as it not only produces an abundant and almost certain crop, but furnishes the most nutritious food for cattle, particularly adapted for and relished by dairy stock. It is perfectly hardy, and may remain in the ground through the winter; indeed, the fine sugary flavor is only perfected by a severe frost.

Long Smooth or Hollow Crowned. A standard table sort; the best and most productive for field culture. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

The Student. A fine flavored variety; recommended for small gardens. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early Short Round French. Adapted to shallow soils; very early and of good flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

CHAMPION MOSS CURLED PARSLEY.

PARSLEY.

One ounce will sow 150 feet of drill.

Parsley succeeds best in a rich mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in spring. Sow thickly in rows 1 foot apart and ½ an inch deep. For winter use, protect in a frame or light cellar.

Champion Moss Curled. A fine variety, beautifully curled; best for market and private use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Fern-Leaved. A beautiful variety; valuable for table decoration. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Carter's New Perpetual. A distinct and valuable variety that does not annually run to seed; finely curled and very robust. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.

Plain-Leaved. Used in soups, etc., for seasoning. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 75 cts.

Hamburg, or Rooted. The roots are the portion used; good in flavoring soups and stews. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

PEAS.

One quart will plant about 100 feet of drill; 1½ bushels for 1 acre.

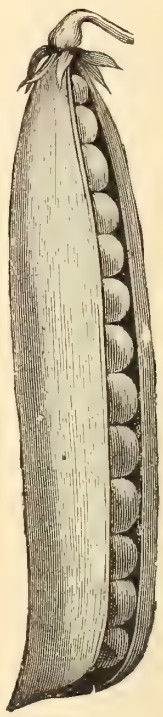
Peas luxuriate in a free, light, rather rich soil, abounding with vegetable matter. The ground should be manured, if possible, the previous autumn; well decomposed manure is most suitable, and if applied at the time of planting, it should be thoroughly mixed with the soil, especially in the bottom of the drill. Plant the early varieties as soon as the ground can be worked, the others in succession from April to June. For private use they are generally sown in double or single rows, in drills about 2 feet apart and 3 inches deep, for the dwarf varieties, and 3 to 4 feet apart and 4 inches deep, for the taller varieties. Those growing over 2½ feet in height should be bushed.

☞ Market Gardeners will be supplied by the bushel at reduced rates.

EXTRA EARLY VARIETIES.

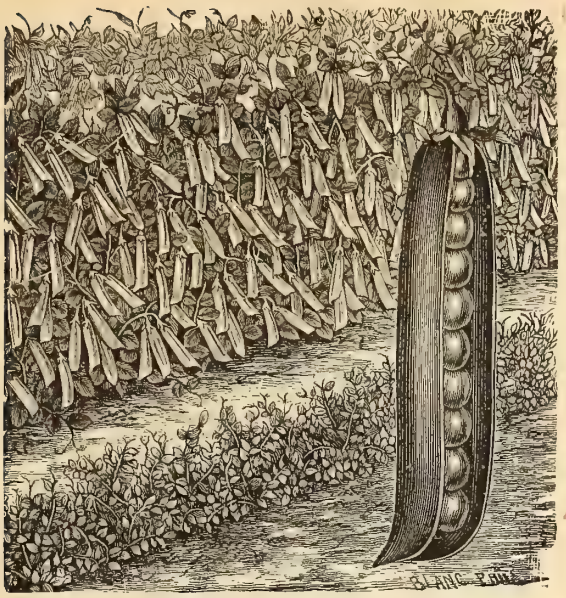
Improved Early Dexter. The earliest variety in cultivation; best for market; 2½ feet. Per pt., 15 cts.; qt., 25 cts.; peck, $1.50.

Carter's First Crop. One of the earliest peas grown; 2½ ft. Per pt., 15 cts.; qt., 25 cts.; peck, $1.25.



EARLY DEXTER.

PEAS—*Continued.*



AMERICAN WONDER AND CHAMPION OF ENGLAND.

American Wonder. One of the best and most desirable varieties grown; being a cross between Champion and Little Gem is sufficient guarantee of its superior qualities; 1 ft. Per pt., 15 cts.; qt., 30 cts; peck, $2.00.

Improved Daniel O'Rourke. One of the most popular market varieties; 2½ ft. Per pt., 15 cts.; qt., 25 cts.; peck, $1.25.

Philadelphia Extra Early. A favorite variety; extensively grown in the South; 2½ ft. Per pt , 15 cts.; qt., 25 cts.; peck, $1.25.

Laxton's Earliest of All. One of the earliest blue sorts; 2½ ft. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

Alaska. An excellent early blue Pea, as early as Daniel O'Rourke; ripens uniformly; 2½ ft. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

Extra Early Premium Gem. A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

McLean's Little Gem. One of the best dwarf wrinkled marrows grown; very productive and of fine flavor; 1 ft. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

Blue Peter. A first early blue-seeded Tom Thumb; pods large and well filled; 1½ ft. Per pt., 15 cts.; qt., 30 cts.; peck, $2.00.

Laxton's Alpha. A very early wrinkled marrow of superior quality; 3 ft. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

Kentish Invicta. An early blue Pea. Very prolific and of excellent flavor; one of the best for canning; 2 ft. Per pt., 15 cts.; qt., 25 cts.; peck, $1.50.

William I. One of the best green marrows of very fine quality; 2 ft. Per pt., 15 cts.; qt., 30 cts.; peck, $2.00.

Small Early French. (*Petit Pois.*) The true small French Pea, so extensively used in France for canning and for the table; 3 ft. Per pt., 15 cts.; qt., 25 cts.; peck, $1.50.

SECOND EARLY VARIETIES.

Laxton's Prolific Early Long-Pod. Very long pods, containing eight to ten peas; very productive and of fine quality; 4 ft. Per pt., 15 cts.; qt., 25 cts.; peck, $1.50.

McLean's Advancer. The standard market gardeners' variety, for second early and principal crop; green, wrinkled; pods long, well-filled, of excellent quality, unexcelled for private gardens; 2½ ft. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

PEAS—*Continued.*

Carter's Stratagem. One of the best Peas ever sent out; vine of branching habit, heavily laden with immense pods, containing ten to twelve peas of large size; 1½ ft. Per pt., 25 cts.; qt., 40 cts.; peck, $3.00.

Bliss's Abundance. A dwarf variety, with large, dark, green foliage; pods from 3 to 3½ inches long, containing from six to eight large wrinkled Peas of excellent quality; 1½ ft. Per pt., 20 cts.; qt., 40 cts.; peck, $2.00.

Horsford's Market Garden. A cross between Alpha and Am. Wonder; extremely prolific, and of the best quality. Per pt., 15 cts.; qt., 30 cts.; peck, $2.00.

Fillbasket. One of the best second early Peas in cultivation; blue, of excellent flavor. Per pt., 15 cts.; qt., 30 cts.; peck, $2.00.

FOR GENERAL CROP.

Champion of England. One of the best known of the older varieties; a tall-growing, green, wrinkled marrow; quality unsurpassed by any other Pea; pod medium; peas large; vine about 5 feet. Per pt., 15 cts.; qt., 25 cts.; peck, $1.50.

Carter's Telephone. This remarkable Pea is a week earlier than Champion of England; pods 5 to 7 inches in length, and containing from eight to twelve peas of unequaled flavor; 3 ft. Per pt., 20 cts.; qt., 40 cts.; peck, $2.50.

Yorkshire Hero. This magnificent variety has become very popular; as a main crop Pea it has few if any equals. Long, round pods, closely filled with large, luscious, wrinkled peas; of extra fine quality for table use, and very productive. Per pt., 15 cts.; qt., 30 cts.; peck, $1.50.

Veitch's Perfection. A large and delicious marrow Pea, and an abundant cropper; 4 ft. Per pt., 20 cts.; qt., 40 cts.; peck, $2.50.

British Queen. A very tall, vigorous and productive variety; one of the sweetest wrinkled Peas grown; 5 ft. Per pt., 15 cts.; qt.; 30 cts.; peck, $1.50.

Dwarf White Marrowfat. An old variety of dwarf habit, and on that account preferable for small gardens; 3 ft. Per pt., 10 cts.; qt., 20 cts.; peck, $1.00.

Black-Eye Marrowfat. The standard variety for garden or field use; hardy and productive; 4 ft. Per pt., 10 cts.; qt., 20 cts.; peck, $1.00.

Canada Field. For soiling, sow four to five bushels per acre. Per qt., 15 cts.; peck, 60 cts.; bush., $2.00.

EDIBLE PODDED, OR SUGAR PEAS.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole and served up with white sauce.

Dwarf Gray Seeded Sugar. A prolific variety of fine quality; 2½ feet. Per pt., 20 cts.; qt., 40 cts.

Tall Butter Sugar. One of the most desirable sugar Peas in cultivation; 4 ft. Per pt., 30 cts.; qt., 60 cts.

PEPPER.

One ounce will produce about two thousand plants.

Sow early in April in a hot-bed, in shallow drills 6 inches apart, and transplant to open ground as soon as the weather is warm and settled. Set the plants in mellow soil, in rows 16 inches apart, and the same distance apart in the rows. The seed may also be sown in the open ground, but not until all danger of frost is past.

Sweet Spanish. One of the largest; mild and pleasant; best for salads. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Large Bell, or Bull-Nose. An early variety of mild flavor. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Sweet Mountain, or Mammoth. Of large size, best for Mangoes. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

PEPPER—*Continued.*

Golden Dawn. Color, bright golden yellow; very productive and mild. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Spanish Monstrous. Fruit very large; good for Mangoes. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

Long Red Cayenne. A small, long-shaped variety; very pungent; the Cayenne Pepper of commerce. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Red Cherry. A small, round Pepper of strong flavor; makes a very ornamental plant. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Chili. Very piquant and prolific. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

RUBY KING.

Ruby King. An excellent new variety, of large size and mild flavor. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

POTATO.

Prices may vary during the season.

Beauty of Hebron. The best and most popular early variety in cultivation. Per bush., $2.25; bbl., $4.25.

Clark's No. 1. Resembles Early Rose, but is more productive and earlier. Per bush., $2.00; bbl., $4.00.

Early Ohio. Very early, seedling of Early Rose. Per bush., $2.25; bbl., $4.25.

Mayflower. Resembles Snowflake in form and quality, but much earlier. Skin russetted and netted. Per bush., $2.00; bbl., $4.00.

Vanguard. Very early, similar to Early Rose. Per bush., $2.00; bbl., $4.00.

Early Sunrise. The true type of Early Rose. Per bush., $2.00; bbl., $4.00.

White Elephant. One of the best productive and first quality. Per bush., $2.00; bbl., $4.00.

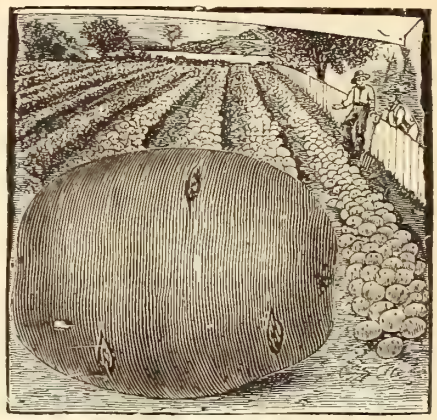
White Star. White flesh, fine floury texture. Per bush., $2.00; bbl., $4.00.

St. Patrick. White flesh and skin. A large yielder, of fine quality. Per bush., $2.00; bbl., $4.00.

Pearl of Savoy. A cross between Clarke's No. 1 and Early Vermont; very early; of fine quality, and very productive. Per bush., $2.00; bbl., $4.00.

Hybridized Potato Seed. A choice strain of seed; the product of numerous crossings between many of the best new and old varieties. Per pkt., 25c.; 5 pkts. for $1.00.

POTATO—*Continued.*



CHARLES DOWNING.

Charles Downing. Oval, oblong shape and pure white color. It is an immense cropper of handsome form and of the best cooking qualities. Per peck, 75c.; bush., $2.00; bbl., $4.00.

PUMPKIN.

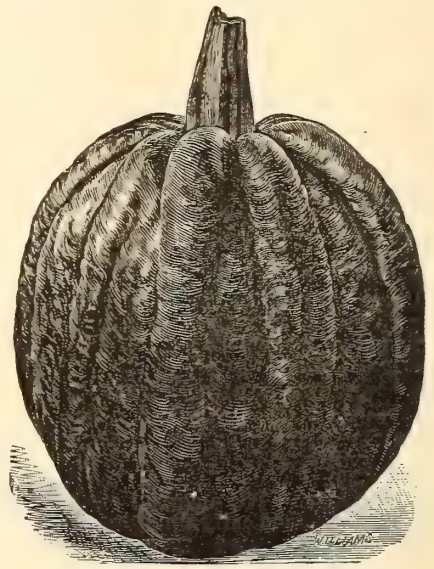
Pumpkins are grown chiefly as food for stock. They were formerly esteemed for culinary purposes, but at present are almost entirely superseded by the various squashes, which are in all respects much superior. The usual method of planting Pumpkins is to scatter a few seeds at intervals in the hills when planting Indian corn. In this way good crops of Pumpkins are secured with slight labor and expense.

Japanese Pumpkin. Entirely distinct in shape and appearance from all other varieties. The flesh is rich salmon color, finely grained, and of splendid flavor. Per pkt., 5 cts.; oz., 15 cts.; lb., $1.50.

Large Cheese. A very hardy and productive variety; the best for cooking purposes. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Connecticut Field. The common variety usually grown for feeding stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

Mammoth Tours. This variety grows to an immense size, often weighing 150 pounds. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.



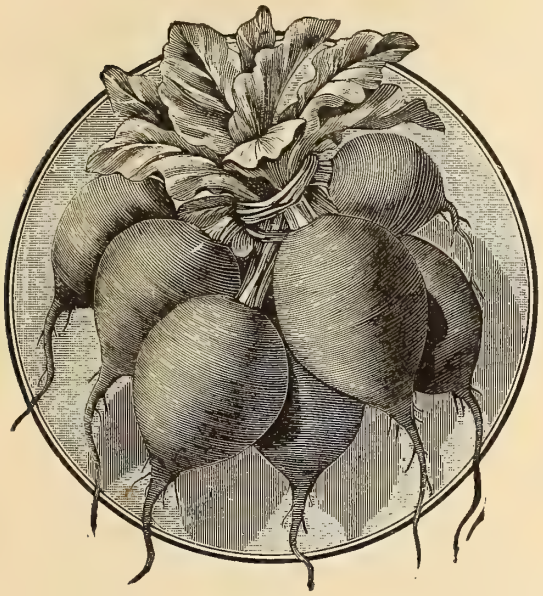
NANTUCKET SUGAR.

PUMPKIN—*Continued.*

Gray Boulogne. This new variety grows to a very large size; form round and slightly flattened on the ends; skin of a grayish green color; growing to a weight of 60 to 75 pounds with ordinary culture, and with special culture will reach enormous size. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Nantucket Sugar. The great pie Pumpkin of the Eastern States. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Early Sugar. This variety is smaller than the Large Field, but of finer grain, sweeter and very prolific. First-rate either for the table or for feeding to stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.



SCARLET OLIVE-SHAPED RADISH.

RADISH.

One ounce will sow 100 feet of drill.

There are two classes of Radishes, those for spring and summer use, which are small and arrive quickly at maturity, and those for winter use, which are large and mature slowly, and with proper care, can be kept all winter. The summer Radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in a light rich soil. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a mild hot-bed in February. The winter varieties may be sown from the latter part of July to the middle of September.

New Celestial Radish. It is ready for use when 2½ or 3 inches long and continues until nearly 6 inches long, making it almost an all seasons' Radish. Per oz., 15 cts.; ¼ lb., 50 cts.

Earliest Erfurt Scarlet Turnip. The earliest variety; valuable alike for forcing or general sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts., lb., 60 cts.

Early Scarlet Turnip. (French Seed.) A well-known and highly esteemed variety, extensively grown for market. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

Scarlet Turnip, White Tipped. A very early variety; excellent for market and fine for forcing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

RADISH—*Continued.*

Early Deep Scarlet Turnip. A new variety, perfect in shape; skin dark red; flesh white with very small tap root. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

Early White Turnip-Rooted. Another sort for early use, round in form and of clear white color. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

French Breakfast. Scarlet with white tip, shape nearly oval, good for forcing or summer sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

Early Short-Top Long Scarlet. One of the standard sorts for market and private gardens. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

Large White Summer Turnip. The market gardener's favorite, large turnip-shaped, white, very crisp and mild. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

Large Yellow Summer Turnip. Like the above except in color. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 65 cts.

Scarlet Olive-Shaped. Oval-shaped, tender and excellent. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Olive-Shaped Purple, White Tip. A handsome variety of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long Black Spanish Winter. A large, long variety, one of the hardiest, firm in texture; keeping until spring. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long White Spanish Winter. Of milder flavor than the black varieties. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Scarlet China Winter. One of the best fall and winter varieties, a favorite with the market gardeners; bright rose color, flesh white, firm and of superior quality. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

California White Winter. A mammoth variety, growing 12 inches long, white-fleshed, firm and of excellent quality. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

Beckert's Chartier. A very attractive sort. Color bright salmon scarlet, shading to white, very crisp, tender and mild. Per pkt., 5 cts.; oz., 10 cts., ¼ lb., 25 cts.; lb., 75 cts.

RHUBARB.

The Rhubarb, or Pie Plant, is grown from divisions of the roots and from seed. If the seed is sown in a good, mellow soil, strong plants will be obtained in one year, and some cutting may be done the second spring. Plants put out in a rich soil in the spring are in fine condition the second season.

Victoria. Large, fine for cooking. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Linnæus. Large, tender and very fine. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Roots of the above varieties, 10 cts each; per doz., $1.00.

SALSIFY, OR OYSTER PLANT.

One ounce will sow 50 feet of drill.

A very delicate and nutritious esculent, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

Salsify, Long White. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb.; 50 cts.; lb., $1.50.

—— **Mammoth Sandwich Island.** A new large growing variety. Per pkt., 10 cts.; oz., 30 cts.

Scorzonera, or Black Salsify. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

SPINACH.

One ounce will sow 100 feet of drill.

For early use, sow in August or September, in drills 12 to 14 inches apart, using 16 pounds of seed per acre. At the approach of cold weather cover lightly with straw, or any handy litter. Uncover when the plants begin to make a new growth in spring. For summer use, sow early in spring, in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

Round Thick-Leaved. The variety in most general use, equally good for spring or autumn sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Large-Leaved Viroflay. A very fine selection of the old lettuce-leaved Spinach; for summer use it is excellent. Per pkt., 5 cts.; oz , 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Long Standing. A desirable sort that does not incline to run to seed as much as others. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Bloomsdale Savoy Leaved. Leaves wrinkled or curled; best for market growers or fall sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

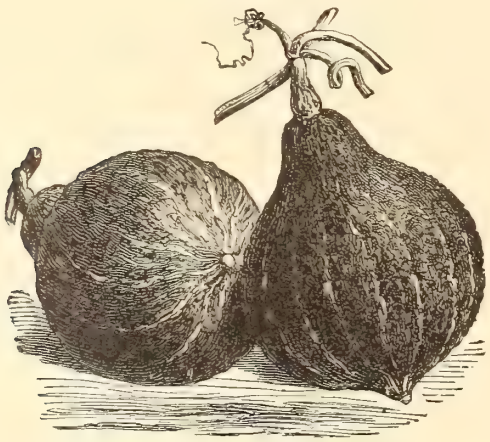
Prickly, or Fall. An exceedingly hardy variety, adapted for fall sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

New Zealand. A very desirable and distinct variety. It should be transplanted 2 by 3 feet. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

SQUASH.

Bush sorts, 1 oz. to 50 hills, 6 lbs. per acre. Running sorts, 1 oz. to 16 hills, 4 lbs per acre.

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, and the danger from the bugs is over, leaving three or four of the strongest plants per hill.



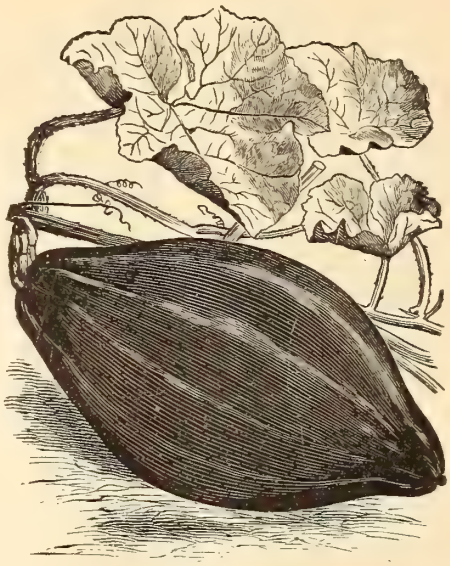
HUBBARD SQUASH.

Early Orange Marrow. It is very prolific and of a deep rich color both inside and out, fine grained, rich flavor and unusually good keeper. Per pkt., 5 cts.; oz., 10 cts.; lb., $1.00.

Long White Bush Vegetable Marrow. This is a decided improvement on the old trailing Vegetable Marrow Squash. The fruit is larger, handsomer, more ribbed or fluted than the ordinary kind, and is slightly curved. Per pkt., 10 cts.; oz., 20 cts.

Early Summer Bush Crookneck. The best sort for summer; very early and productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cents.; lb., 75 cts.

SQUASH—*Continued.*



FRENCH OLIVE.

Early Yellow Bush Scalloped. An early, flat, scallop-shaped sort, of deep orange yellow. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early White Bush Scalloped. Similar in shape to the yellow; light cream-colored. Both varieties are called "Patty Pan" in the Southern and Middle States. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Perfect Gem. This new Squash possesses the excellent qualities of both the summer and winter varieties combined, and can be used for either purpose. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Boston Marrow. The earliest of the fall sorts; is ready for use very soon after the summer varieties; rich orange color, good size, excellent flavor, keeps well. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb. 75 cts.

Hubbard. The standard winter Squash, grown more extensively than any other late variety; color dark green, shell extremely hard, flesh dry, fine grained and sweet; excellent keeper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts. (See cut.)

Marblehead. Another excellent winter variety, of a bluish color; has all the qualities of the Hubbard; a very solid, heavy squash. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Essex Hybrid. A cross between the Hubbard and Turban, with color, shape and qualities of the latter, and the dryness and hard shell of the former. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Canada Crookneck. The best of winter Crooknecks for table use, rather small, but productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., $1.00.

Large Winter Crookneck. An old and well-known variety, keeps remarkably well, not quite as rich or sweet as many others. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

French Olive. Olive-shaped, skin smooth, flesh thick, hard and of golden yellow color, excellent in quality and a good winter variety. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50. (See cut.)

Mammoth Yellow. Grows to an immense size if given high cultivation, sometimes weighing considerably over 100 pounds; not much used for table. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft, rich flavor. Per pkt. 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb.. $1.50.

Red China. A new and very ornamental variety; immensely productive and of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

SORREL.

One ounce will sow 150 feet of drill.

The leaves possess a pleasant acid taste, and are mixed with salads, to which they impart an agreeable refreshing flavor.

Large-Leaved French. Per pkt. 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1 00.

SEA-KALE.

One ounce will produce about three hundred plants.

Sea-kale is very generally cultivated in Europe, and should be better known here. The flavor is somewhat like Asparagus, but thought to be better. The part eaten is the young shoots that appear in the spring, and they are not good until blanched. Sow in the spring, and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower-pot; and if it is desired to force them, cover the pot and earth around with fresh manure. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

SUNFLOWER.

The Sunflower is grown to a considerable extent as a profitable field crop, the leaves being used for forage and the seeds as a food for poultry and the manufacture of oil; it is also grown to a large extent, and with good results, in low swampy lands to absorb miasma.

Large Russian. Produces larger heads and more seeds than the common. Per pkt., 5 cts.; qt., 25 cts.; bush., $3.50.

TOMATO.

To obtain fruit very early, sow in the hot-bed in March. In about five weeks plants should be transplanted to another hot-bed, setting them about 4 or 5 inches apart. Here they should remain, having all the air possible, until about the middle of May, when they may be put out in the ground. If not too early or too cold, a cold frame will answer for the first transplanting. Pinching off a portion of the side branches, and stopping others just beyond where the fruit is formed, hastens the ripening. Good plants can be grown in boxes in the house.

The Lorillard Tomato. Chiefly valuable for forcing, under glass, for which it has no superior, setting its fruit freer in midwinter than most other kinds do in July and August. Per pkt., 10 cts.; oz., 40 cts.

Horsford's Prelude Tomato. The plants are wonderfully prolific, bearing their fruit in large clusters. Per pkt., 10 cts,; oz., 40 cts.; ¼ lb., $1.00; lb., $3.50.

TOMATO—*Continued.*

Peach Tomato. Resembles a medium-sized Peach in size, form and color, with a firm fleshy texture, giving it a fruity appearance that makes it extremely handsome. Per pkt., 10 cts.; oz., 50 cts.

Dwarf Champion Tomato. The plant is of dwarf and compact growth, with thick, stiff, short-jointed stems. Very prolific. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

Acme. One of the earliest, handsome, medium-size fruit, of a dark red color, tinged with purple. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Cardinal. Brilliant cardinal red; solid and of good size. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Optimus. A valuable variety, growing to large, uniform size; ripens very evenly, free from cracks or blemishes. Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

Livingston's Beauty. Handsome variety, growing in clusters; bright, glossy crimson, very solid. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts. (See cut.)

Mikado. Very large, fairly smooth, solid and fine quality; color purplish red, foliage distinct. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

Prize Belle. Medium sized; very solid, smooth and handsome. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

Volunteer. An attractive variety; size uniform, bright coral red, perfect form, delicious quality; very early and continuous bearer. Per pkt., 10 cts.; oz., 40 cts.

Livingston's Favorite. Ripens evenly and early, very prolific, good flavor, few seeds, flesh solid; bears shipping well. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Livingston's Perfection. An early variety, perfectly smooth, ripens uniformly, and bears abundantly. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Trophy, Selected. One of the best standard varieties; fruit large, smooth, bright red, solid and good flavor. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

Golden Queen. Color a beautiful canary-yellow, desirable for table use, forming a beautiful contrast in a dish with red Tomatoes. Per pkt., 10 cts.; oz., 40 cts.

Hathaway's Excelsior. Early, of medium size, solid, and very productive. Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

Conqueror. One of the earliest fine fruit, of medium size. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Paragon. A second early fruit, large, smooth; bears transportation well. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Pear-Shaped. Fine for preserving and pickling. Per pkt., 10 cts.

Plum-Shaped Yellow. For preserving and pickling. Per pkt., 10 cts.

Cherry, Yellow and Red. For preserving or pickling. Per pkt., 10 cts.

Strawberry, or Winter Cherry. A distinct species, prized for preserving. Per pkt., 10 cts.; oz., 35 cts.

TURNIP.

One ounce will sow 150 feet of drill; 2 pounds for 1 acre.

For the spring crop, commence sowing the early varieties as soon as the ground can be worked in drills 14 inches apart; thin out the plants to 5 or 6 inches apart. Keep clear from weeds, and, when the bottom begins to enlarge, brush away the earth from about the roots to the depth of half an inch or more, and give them a light dressing of wood ashes. This is the surest mode of obtaining fair and smooth spring Turnips in old gardens, where they are almost certain to grow wormy if the earth is allowed to remain in contact with the bulbs. It is important to get them started very early, so that they may have time to grow of a sufficient size before very hot weather, when they will soon become tough and strong. For the fall and main crop, sow from the middle of July

TURNIP—*Continued.*

to the last of August, in drills, as directed for the spring sowing.

Early Purple-Top Munich. An extra early variety, needs to be used while young. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Early Purple-Top Milan. An early strap-leaved variety, coming into use a week or ten days earlier than the ordinary sorts. Of better quality than the E. Munich. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Purple-Top Flat Strap-Leaf. The popular early variety excellent for market or private use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Purple-Top White Globe. A very handsome globe-shaped variety; valuable for market garden purposes. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

White Flat Strap-Leaf. The best early white variety, for table or market use, Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Early White Egg. Perfectly smooth and nearly egg-shaped; of rapid growth and of fine quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Yellow Globe. An excellent sort for early or late sowing; good cropper, fine keeper, used for table or stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

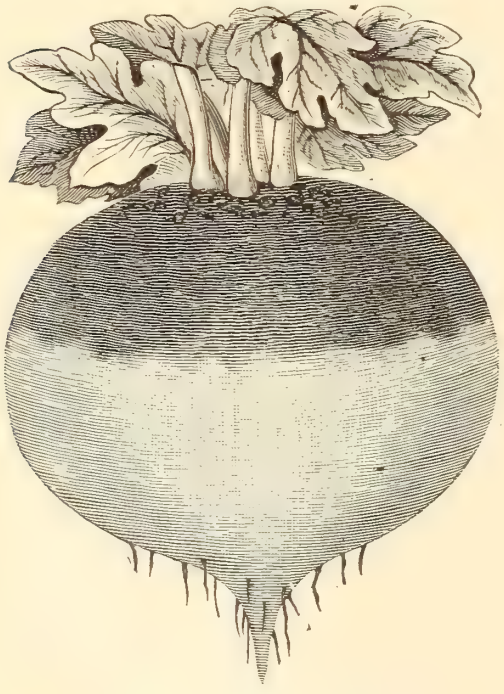
Golden Ball. Solid, sweet, good size, and keeps well. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Yellow Finland. A small variety, flesh bright yellow, excellent for table use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Yellow Malta. An early variety of fine flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long White or Cowhorn. A quick growing carrot-shaped variety; flesh fine grained and sweet; an excellent sort for table use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts., lb., 50 cts.

Large White Norfolk. A very large growing variety, one of the best early sorts for feeding stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.



PURPLE TOP YELLOW ABERDEEN.

Yellow Aberdeen. A very hardy and productive variety, of excellent quality, good for either table or stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

PURPLE-TOP RUTA BAGA.

RUTA BAGA TURNIPS.

Sow from the 20th of June to the middle of July, in drills, 2 feet apart, and thin out to 8 or 10 inches.

Improved American Purple-Top. The best yellow flesh variety grown for stock or table. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Carter's Imperial Hardy. An English variety resembling the preceding, very productive and of fine quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Skirving's Purple-Top. (Imported Seed.) A very heavy cropper, one of the best for field culture. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

Long White French. A very delicate flavored variety; an excellent keeper and fine for table. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

TOBACCO.

One ounce will sow 25 feet square, and produce plants for 1 acre.

Tobacco seed may be started in a hot-bed, or sown in the open ground, as early in the spring as the ground can be worked. Prepare a bed in rich, dry ground, with a southern exposure; the bed should be burned over to kill the seeds of weeds and wild grasses, or they will spring up before the tobacco plants and destroy them. After this is done, rake it off fine, and sow the seed. A tablespoonful is sufficient for 100 yards. Sow broadcast, and hard roll or press down the soil evenly and firmly. When the young plants appear, keep free from weeds and water frequently. If the weather is dry, set out about the first of June, in land that has been heavily manured. Tobacco thrives best in a light, rich, sandy or gravelly soil; plant about 3 feet apart. Look out for the "tobacco worm," which must be removed as fast as it appears, or it will quickly destroy the crop.

Connecticut Seed-Leaf. This variety is best adapted to the climate of the Northern and Middle States. Per pkt., 5 cts.; oz., 25 cts., ¼ lb., 75 cts.; lb., $2.50.

Primus. A new variety and the earliest to ripen; especially adapted to planting far North. Per pkt., 10 cts.; oz., 40 cts.

Yellow Prior. A favorite variety, largely grown in the West. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

Sterling. The newest and brightest of the yellow type. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., $1.00; lb., $3.00.

Turkish. Stands heat and drought better than all others. Per pkt., 10 cts.; oz., 40 cts.

Havana. Choice imported seed. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

HERBS.

Herbs are available for culinary and medicinal purposes; they are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in spring, as soon as the weather is warm, and thin out as the plants grow up, or the seed may be sown under glass, and the young plants afterwards transplanted to their respective beds. The perennial kinds should occasionally be divided, and transplanted in spring.

Anise. (Pimpinella anisum). Cultivated for its seed and leaves, which are used for garnishing and for seasoning. Per pkt., 5 cts.; oz., 10 cts.

Balm (Melissa officinalis). Hardy perennial, used for making balm tea and balm wine. Per pkt., 10 cts.; oz., 40 cts.

Basil, Sweet (Ocymum basilicum). Cultivated for its leaves, which are much used for flavoring soups and sauces. Per pkt., 5 cts.; oz., 30 cts.

Bene (Sesamum orientale). The seeds yield a good oil. The leaves are used for dysentery and diarrhœa. Per pkt., 5 cts.; oz., 20 cts.; lb., $1.50.

Borage (Borago officinalis). Hardy annual, sometimes used as a pot-herb, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flowers. Per pkt., 5 cts.; oz., 15 cts.

Caraway (Carum carui). Hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery, and for giving flavor to liquors. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., $1.00.

Catnip (Nepeta cataria). Perennial. Per pkt., 10 cts.; oz., 50 cts.

Coriander (Coriandrum sativum). Annual; raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine. Per pkt., 5 cts.; oz., 15 cts.

Dill (Anethum graveolens). Annual; the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten the flavor. Medicinally they are good for flatulence and colic in infants. Per pkt., 5 cts.; oz., 15 cts.; lb., $1.00.

Fennel (Anethum fœniculum). Hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces. Per pkt., 5 cts.; oz., 15 cts.

Horehound. (Marrubium vulgare). Hardy perennial; principally used for medicinal purposes. Per pkt., 10 cts.; oz., 40 cts.

Hyssop (Hyssopus officinalis). Hardy perennial; the leafy tops and flowers are used in making Hyssop tea. Per pkt., 10 cts.; oz., 40 cts.

Lavender (Lavendula spica). A popular aromatic herb. Per pkt., 10 cts.; oz., 30 cts.

Marjoram, Sweet (Origanum majorana). For seasoning. Per pkt., 5 cts.; oz., 20 cts.; lb., $2.00.

Opium Poppy (Papaver somniferum). Per pkt., 5 cts.; oz., 30 cts.

Rosemary (Rosmarinus officinalis). An aromatic herb. Per pkt., 10 cts.; oz., 50 cts.

Rue (Ruta graveolens). Used for medical purposes, also frequently given to fowls for the croup. Per pkt., 5 cts.; oz., 20 cts.

Saffron (Carthamus tinctorius). Per pkt., 5 cts.; oz., 15 cts.

Sage (Salvia officinalis). Much used for flavoring various articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a sudorific, causing profuse perspiration. Per pkt., 5 cts.; oz., 25 cts.; lb., $2.50.

Summer Savory (Satureia hortensis). Annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups. Per pkt., 5 cts.; oz., 25 cts.

Thyme, Broad-Leaved. Hardy perennial. Thyme is used in soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headache. Per pkt., 10 cts; oz., 30 cts.; lb., $3.00.

Tansy (Tenacetum vulgaris). Per pkt., 10 cts.; oz., 40 cts.

Wormwood (Artemisia absinthium). Used for medical purposes; it is also beneficial to poultry, and should be planted in poultry grounds. Per pkt., 10 cts.; oz., 30 cts.

BIRD SEEDS.

Prices variable.

	Per lb.	Per bush.
Canary Seed	$0.10	$3.50
Rape Seed	.15	3.50
Hemp Seed	.10	2.25
Vetches for Pigeons	.10	3.50
Millet Seed, American	.10	2.00
Millet Seed, Imported Yellow	.10	....
" " " White	.20	....
Maw Seed, Blue	.20	....
Lettuce Seed	per oz., 10 cts., .50	....
Unhulled Rice	.15	....
Gravel for Cages	Per qt., 6 cts.	

ASPARAGUS ROOTS.

Conover's Colossal. Two-year-old roots, by express. Per 100, $1.00; 1,000, $7.00.

CABBAGE AND CAULIFLOWER PLANTS.

That have been wintered over in cold frames, and are ready to plant out at any time from February to end of April, of the following varieties. Special rates for large quantities.

Cabbage. Henderson's Early Summer. Per 100, $1.25; 1,000, $10.00.

—— Early Jersey Wakefield. Per 100, $1.25; 1,000, $20.00.

Cauliflower. Early Dwarf Erfurt. Per 100, $3.00; 1,000, $20.00.

—— Henderson's Early Snowball. Per 100, $3.00; 1,000, $20.00.

Hot-bed Plants, ready May 1st, at half above rates.

CELERY PLANTS.

Golden Heart. Per 100, 75 cts.; 1,000, $5.00.
Boston Market. Per 100, 75 cts.; 1,000, $5.00.

EGG PLANTS.

New York Improved. Each, 10 cts.; doz., $1,00; 100, $6.00.
Black Pekin. Each, 10 cts.; doz., $1.00; 100, $6.00.

HORSE-RADISH SETS.

Per doz., 15 cts.; 100, 60 cts.; 1,000, $5.00.

LETTUCE PLANTS.

Early Curled Simpson. (Cold frame.) Per 100, $1.00.
Black-Seeded Butter. (Cold frame.) Per 100, $1.00.
Hot-bed Plants, ready May 1st, at half above rates.

PEPPER PLANTS.

Large Bell or Bull Nose. Each, 10 cts.; per doz., $1.00; 100, $6.00.
Sweet Mountain. Each, 10 cts.; per doz., $1.00; 100, $6.00.

RHUBARB ROOTS.

Rhubard roots may be planted early in spring or in fall, setting the roots 3 feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season; 10 cts. each; $1.00 per doz.

TOMATO PLANTS.

All the leading varieties. Per doz., 30 cts.; 100, $2.00; 1,000, $15.00.

TARRAGON ROOTS.

For flavoring purposes, the young leaves are used for pickles, vinegar, etc., imparting a delightful flavor. 30 cts. each; $3.00 per doz.

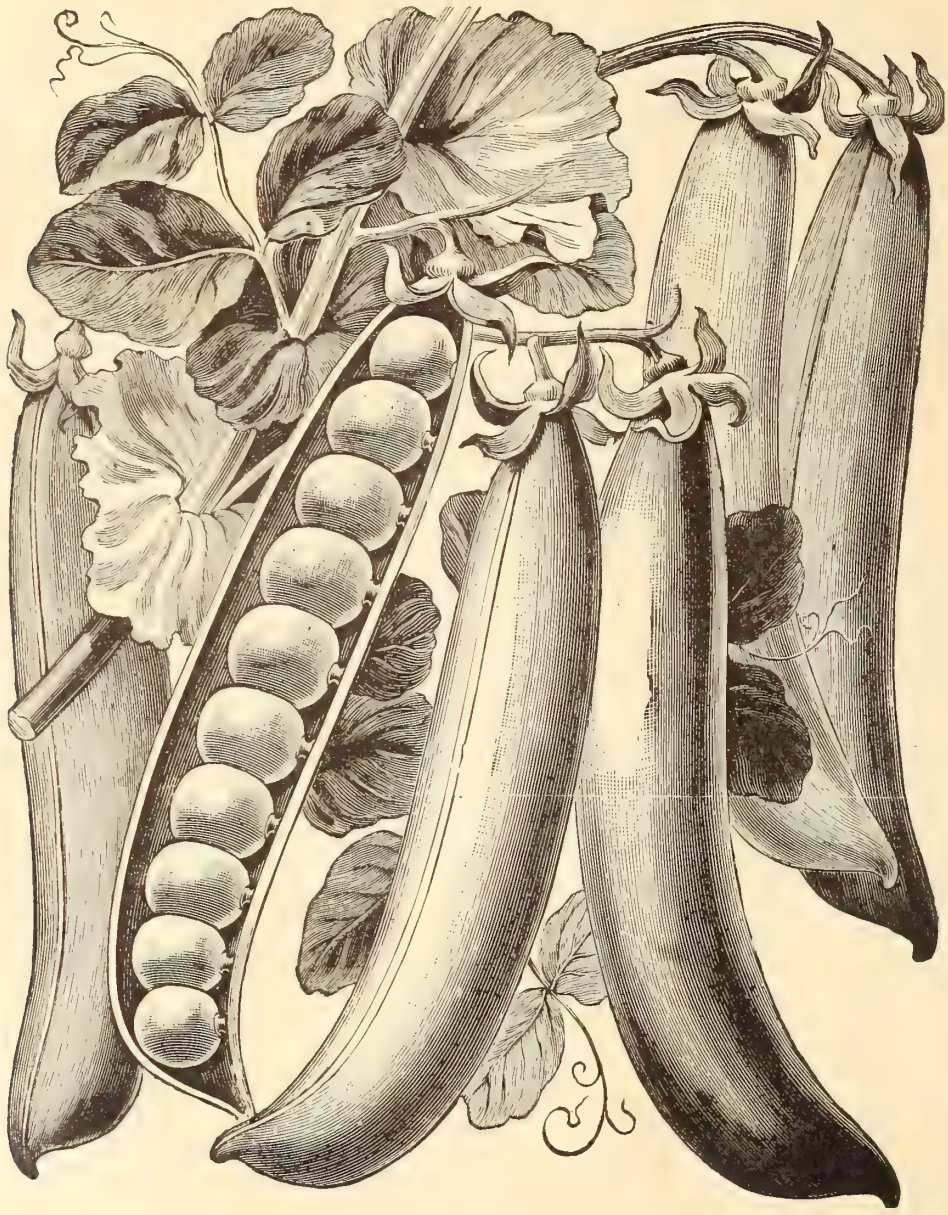
CHIVES.

For flavoring soups, salads, etc.; 25 cts. per clump; $2.50 per doz.

NOVELTIES AND SPECIALTIES

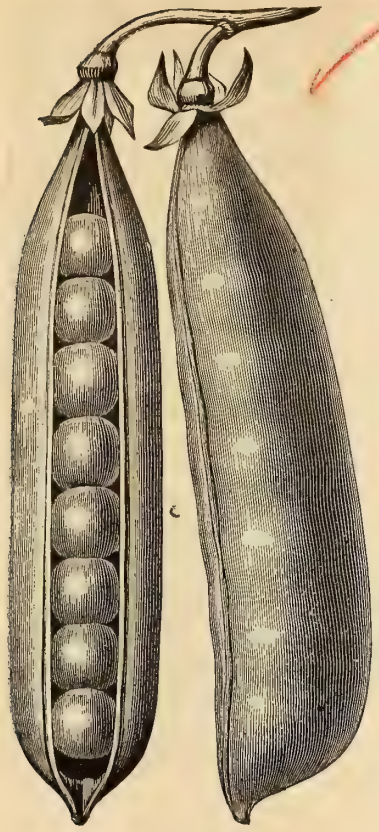
IN

VEGETABLE SEEDS.



EVOLUTION PEA.

For a main crop this is the finest wrinkled Pea in cultivation. We can with confidence recommend it for its extraordinary productiveness and great size of the pods. This magnificent Pea possesses a robust constitution, and ample space should be allowed between the rows for the development of the strong branching foliage. The straight, dark, handsome pods present a very attractive appearance on the Exhibition table, while the deep green peas when cooked are unsurpassed for size and flavor. Height, 3 ft. Per pt., 30 cts.; qt., 50 cts.



NEW FIRST EARLY PEA, MAUD S.

After years of careful selection the Maud S. Pea presents itself to the public as undoubtedly the very earliest, the most productive, the very sweetest and the most valuable Pea ever introduced. It is regular in height, the haulms are dwarfer than most early varieties and are inclined to stool or branch. The pods are of a bright green and are filled with magnificent peas of a most luscious character and produced in such profusion as to almost cover the plant. It is at least a week earlier than Early Dexter and varieties of that type. Height, 2½ ft. Per pt., 30 cts.; qt., 50 cts.

NEW PEA, BURPEE'S PROFUSION.

Is of vigorous growth, the haulm attaining 3 feet in height and of a very branching character—four to eight laterals starting from the root. The haulm is very stout, the main stem usually branching at the first three to five nodes above the ground. The pods are usually produced in pairs, from 50 to 90 pods to the plant. They are well packed with *large, luscious peas, of very sweet and splendid quality.*

The peas are of very large size, often ½ inch in diameter, when green, and are packed closely together in the pods, five to nine in a pod. The plants are continuous bearers, extending over a period of several weeks. Planted May 2d, the peas were ready for the table July 9th. Its immense productiveness, stout, healthy growth and fine quality must make it a leading variety for main crop as soon as it becomes generally known. Per 2-oz. package, 15 cts., or two packages for 25 cts.

RED CLUSTER PEPPER.

A distinct and beautiful variety. Each branch terminates in a cluster of very conspicuous coral red fruit which are extremely pungent. The clusters are so numerous that the plant, at a short distance, appears entirely red. Simply as a decorative plant it will be found very useful. Per pkt., 10 cts.; oz., 40 cts.

DREER'S BUSH LIMA.

GIANT PASCAL CELERY.

NEW CELERY, "GIANT PASCAL."

This variety is a selection from the New Golden Self-blanching Celery, which has become so popular in the last few years; it partakes of the best qualities of that variety, but is much larger and a better keeper. It is of a fine, nutty flavor. It grows about 2 feet high; the stalks are very broad, thick and crisp, and entirely stringless; the width and thickness of the stalks are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. Likely to prove a most valuable variety for both early and midwinter use. Per pkt., 10 cts.; oz., 60 cts.

DREER'S BUSH LIMA.

This is a true bush variety of Dreer's Improved Lima, possessing all the good qualities of that excellent and well-known sort. The plants grow from 1½ to 2 feet in height, of vigorous, bushy habit, producing pods in great abundance. The beans grow close together in the pods, are very thick, sweet and succulent, and ripen fully ten days earlier than the pole Lima. The productiveness of this Bean is marvellous, and we have received specimen plants grown last year bearing from 100 to 185 pods. Per pkt., 20 cts.

CELESTIAL PEPPER.

This is not only a most useful Pepper, but an exceedingly ornamental plant. The Peppers at first are of a delicate creamy yellow color, and when fully grown change to an intense vivid scarlet, making a plant, when loaded with fruit part of one color and part of another, an object of the most striking beauty and oddity. Per pkt., 10 cts.; oz., 50 cts.

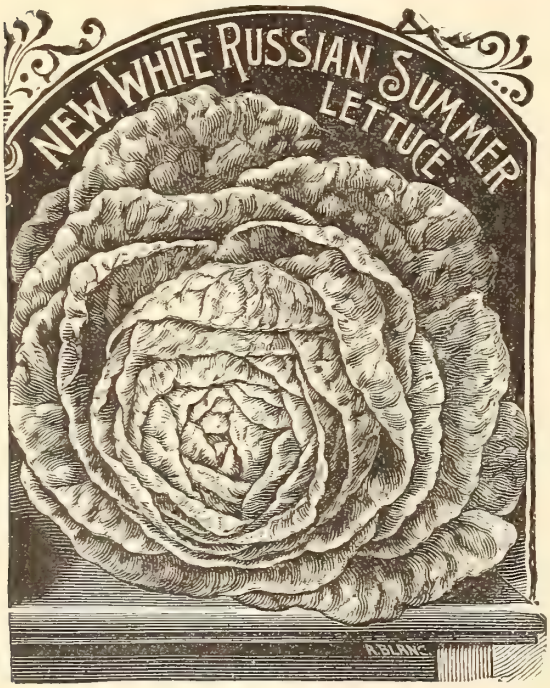
"THE BANQUET."

(MUSK MELON.)

This magnificent Melon is the result of years of careful selection and improvement by one of the most noted growers of Melons in the world. The raiser regards it as his greatest production and likely to supersede all red-fleshed varieties. The "Banquet" is medium in size, flat at both ends and most beautifully netted. The quality is unequaled; the flesh is uniformly deep and of that granulate substance that always characterizes a good Melon. Color, rich dark salmon. To all who desire an excellent Melon and one capable of producing more edible Melons to a given area, we say the "Banquet" is *the* one. Per pkt., 15 cts.; oz., 40 cts.

IGNOTUM TOMATO.

The Ignotum (*unknown.*) The size attained by this remarkable Tomato is prodigious, fruits of which were grown last summer weighing 1½ pounds each, and from many sources we hear praises of its fine quality, size and productiveness. Of the many new kinds introduced of late years, few have possessed any distinct characteristics, each new variety so closely resembling its predecessor as to be almost identical with it. The Ignotum, however, is entirely distinct, and can be immediately recognized by its foliage, which is entire and not cut as in other varieties. It is a remarkably handsome Tomato, enormously productive, and very solid, of unsurpassed flavor, and unequaled for slicing. Per pkt., 10 cts.; oz., 50 cts. (See cut.)

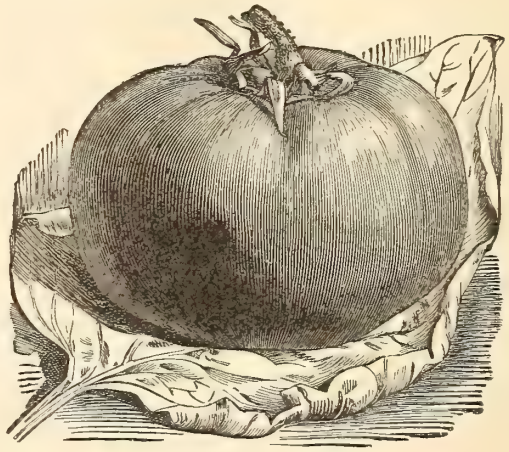


NEW WHITE RUSSIAN SUMMER LETTUCE.

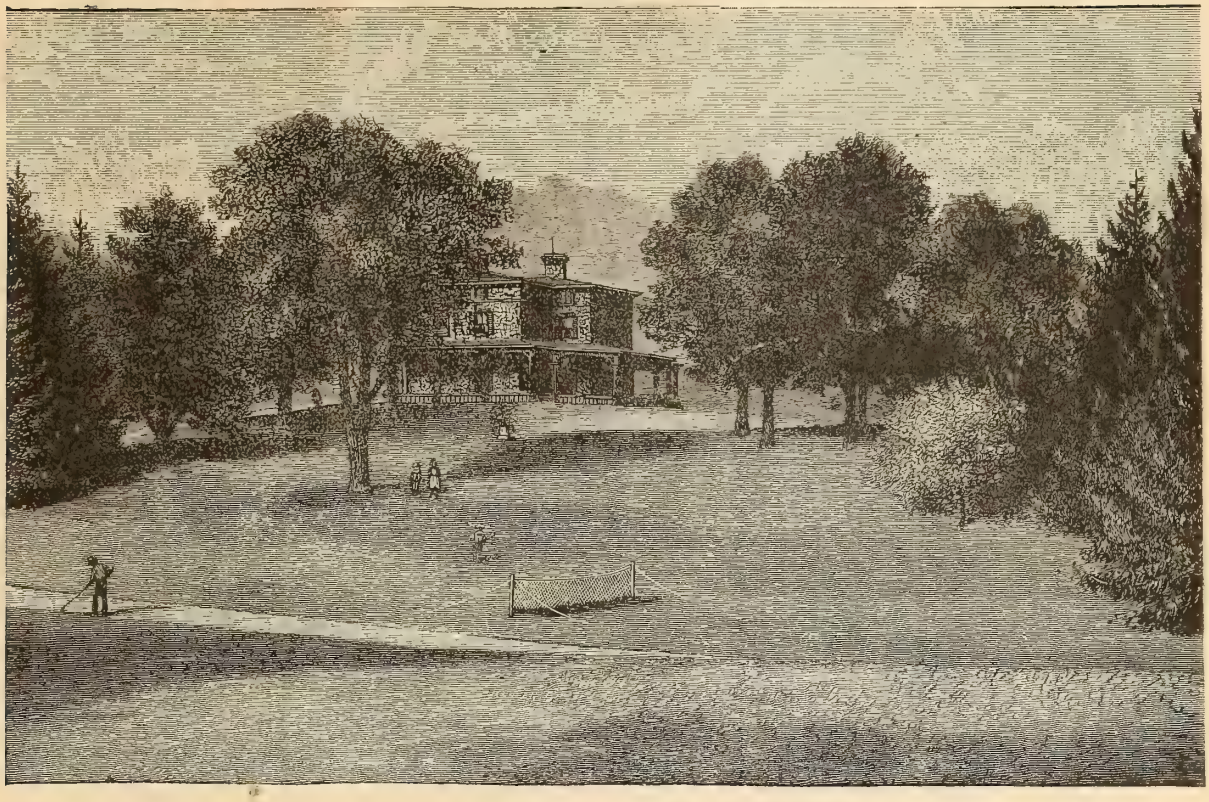
This is a genuine new sort, of invaluable merit, that has been planted by ourselves and by many of our most intelligent market gardeners with remarkable results. It is pre-eminently one of the best sorts to withstand the extreme heat of our long, hot summer months, as it forms beautiful, large, solid heads, without showing the slightest disposition whatever to run to seed. It is equally well adapted for early spring sowing. Of very rapid growth, with few outer leaves; in color it is a very light green, almost white, and forms a very large, solid head, of the finest quality. Per pkt., 15 cts.; oz., 40 cts.

NEW LETTUCE, "BIG BOSTON."

This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is *double the size.* It is about one week later in maturing, but its solidity and greater size of head will make it a more valuable sort. It forms firm solid hearts and there is little waste, as the plant is literally all heart, and remains a long time in perfection. A most desirable variety either for forcing or open ground planting. Per pkt., 15 cts.; oz., 40 cts.



IGNOTUM TOMATO.



FINEST LAWN AND OTHER GRASSES.

A good lawn is one of the most pleasing features of a rural home, and success in its formation depends much on the preparation of the ground. This should be done by draining if necessary and digging or plowing to the depth of 6 or 12 inches according to the nature of the soil, applying at the same time a liberal quantity of well decomposed manure, bone dust or pulverized sheep manure. We recommend the latter as being more lasting in its effects, not liable to burn the grass and free from weeds. Before sowing the seed the ground should be thoroughly cleaned and made perfectly level, and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the utmost importance it should be well done. The ground should be evenly raked, and the seed sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre. One quart is sufficient to sow an area of 20 feet by 15 feet.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of 2 or 3 inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months after sowing the scythe should be used in preference to the machine. *Frequent mowing and rolling are indispensable to maintain the turf in good order.* By adopting these means a close green sward will be obtained in a short time.

FINEST CENTRAL PARK LAWN MIXTURE.

Composed of dwarf and close growing grasses, which, properly managed, produce a fine velvety lawn and permanent sod. Per qt., 20 cts.; peck, $1.25; bushel, $4.50.

French or Emerald Lawn Mixture. (Second quality.) This mixture is composed of less expensive grasses than we put in our Central Park Mixture. Per bushel, $3.00.

PULVERIZED SHEEP MANURE.

THE BEST LAWN TOP DRESSING.

This valuable manure has given unqualified satisfaction to all who have used it. As a lawn top dressing it is uneqalled. The objection to most natural manures is the danger of fouling the Lawn with weeds. Our Pulverized Sheep Manure is positively free from seeds of noxious weeds, and it is therefore the best lawn top dressing that can be used. It should be used at the rate of five bags (500 lbs.) to the acre.

Put up in convenient packages as follows:

2	pound package	$0.15
4	"	.25
10	"	.50
50	"	2.00
100	"	3.50

☞ *Two-pound package by mail for 25 cents. 10 lbs. is sufficient for a plot of 15 by 20 feet.*

AGRICULTURAL GRASSES AND CLOVERS

(PRICES SUBJECT TO MARKET CHANGES.)

ORCHARD GRASS.

For general grass-seeding for mowing lands, sow Clover, Timothy, Red-Top mixed together; for one acre 8 pounds Clover, ½ bushel Timothy, 1 bushel Red-Top.

Finest Mixture of Grass Seeds and Clover, for Hay and Permanent Pasture.

The importance to the farmer of a good selection and proper mixture of grass seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pasture, etc., cannot be over-estimated. We prepare a special mixture containing only the most suitable grasses for permanent pastures and meadow lands, such as Orchard Grass, Meadow Foxtail, Sheep's Fescue, R. I. Bent, Meadow Fescue, English Rye Grass, Perennial Sweet Vernal and Red-Top, which we will supply for $2.50 per bushel. Two to four bushels of this mixture is needed to seed an acre, according to the condition of the land, together with ten pounds of Red Clover (costing about 12 cents per pound.

Rhode Island Bent (Agrostis canina). A valuable grass, mostly used for lawns, for which it is one of the best. Sow three bushels to the acre. Per lb., 30 cts.; bush. (12 lbs.), $3.00.

Red Top (Agrostis vulgaris). Valuable for either pastures or lawns. Per lb., 15 cts.; bush (14 lbs.), $1.25; bag (50 lbs.), $4.00.

Red Top. Extra cleaned heavy seed (35 lbs. per bush.). Per lb., 20 cts.

Creeping Bent (Agrostis stolonifera). An excellent variety for lawns or pastures, succeeds well in deep soils. Per lb., 25 cts.; bush., (15 lbs.), $3.50.

Kentucky Blue Grass (Poa pratensis). Well known and extensively grown in all parts of the country, thrives well in a variety of soils and endures the hottest summers. Per lb., 30 cts.; bush. (14 lbs.) $3.75.

Orchard Grass (Dactylis glomerata). A valuable pasture grass, relished by stock of all kinds, particularly adapted for growing in shady, moist places, under trees, etc. Per lb., 25 cts.; bush. (14 lbs.). $2.50.

Timothy or Herd Grass (Phleum pratense). A variety well known and highly appreciated, producing a profitable hay crop in most any soil. Per lb., 10 cts.; bush. (45 lbs.), $2.50.

Meadow Foxtail (Alopecurus pratensis). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock; 25 lbs. to the acre. Per lb., 40 cts.

Sweet Vernal Grass. True Perennial (Anthoxanthum odoratum). Valuable for mixing with pasture grasses on account of its vernal growth, and for its fragrant odor which the leaves emit when partially dry, thus sweetening hay; sow 10 lbs. to the acre when mixed with other sorts. Per lb., 85 cts.; 100 lbs., $75.00.

Tall Oat Grass (Avena elatior). Producing an early and luxuriant growth; this is a valuable variety for pastures. Per lb., 25 cts.; bush. (13 lbs.), $3.00.

Crested Dogstail (Cynosurus cristatus). An excellent grass for hard, dry soils, valuable for pastures and lawns; 25 lbs. to the acre. Per lb., 40 cts.

Hard Fescue (Festuca duriuscula). One or the most desirable dwarf grasses; excellent for dry soils; 30 lbs. to the acre. Per lb., 20 cts.

Meadow Fescue (Festuca pratensis). A valuable grass for permanent pastures; very productive and nutritious; 40 lbs. to the acre. Per lb., 20 cts.

Sheep's Fescue (Festuca ovina). An excellent grass for sheep pastures; 30 lbs. to the acre. Per lb., 20 cts.

English Rye Grass (Lolium perenne). A very nutritious, rapid growing variety; valuable for meadows and pastures. Per bush. (24 lbs.), $1.75.

Italian Rye Grass (Lolium Italicum). A valuable European variety; adapted to any climate, and produces large and nutritive crops. Per bush. (18 lbs.), $1.75.

Fowl Meadow Grass (Poa serotina). Succeeds best in low, moist land. Per lb., 40 cts.; bushel of 10 lbs., $3.50.

Rough Stalked Meadow Grass (Poa trivialis). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils; 20 lbs. to the acre. Per lb., 35 cts.

Wood Meadow Grass (Poa nemoralis). A very productive and nutritious grass, adapted for lawns or pastures. Thrives well under trees; 30 lbs. to the acre. Per lb., 35 cts.

CLOVERS.

Alfalfa (Lucerne). Requires a deep, rich soil and in such will produce several crops every season; one of the best green fodder plants; 10 to 15 lbs. to the acre. Per lb., 20 cts.

Alsike Clover (Trifolium hybridum). Resembles in growth, duration, etc., the Red Clover; thrives well in cold, wet and stiff soils; 10 lbs. to the acre. Per lb., 20 cts.

Large Red, or Pea Vine Clover (Trifolium pratense). The English Cow Grass; a variety for plowing under. Price variable.

Medium Red Clover (Trifolium pratense). Is a perennial, but of very few years' duration; is considered the most nutritious of all species and most valuable in moist locations. Price variable.

White Clover (Trifolium repens). Valuable for lawns and pastures. Per lb., 30 cts.; 100 lbs., $25.00.

Yellow Trefoil (Medicago lupulina). May be cultivated either alone or with other grasses. Requires about the same treatment and soil as Red Clover, although thriving in dry and inferior soils. It sprouts very early in spring; is of excellent quality, and is considered a fine pasture for sheep; 15 lbs. to the acre. Per lb., 20 cts.

Bokhara Clover (Melilotus leucantha). Valuable for soiling; affords excellent food for bees throughout its season. Per lb., 40 cts.

Japan Clover (Lespedeza striata). A low perennial grass of spreading habit. It flourishes on the poorest soils, and is valuable only in the South, as it is not hardy north of Virginia. Per lb., 50 cts.

Crimson Clover (Trifolium incarnatum). Sown at the last of summer or early autumn, it furnishes a very early green fodder; excellent for soiling; 20 lbs. to the acre. Per lb., 15 cts.

MILLETS.

German, or Golden Millet. Medium early; height, 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round golden yellow in rough, bristly sheaths. Per bush. (50 lbs.), $2.00.

Hungarian Grass Millet (Panicum Germanicum). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought well, and in this latitude may be sown as late as the first of July, and produces a large green crop; 1½ bushels to the acre. Per bush. (48 lbs.), $2.00.

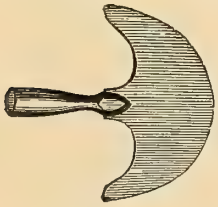
Pearl Millet (Penicillaria spicata). A valuable fodder plant for the South. Sow in drills 18 inches apart and 8 or 10 pounds to the acre. Per lb. 30 cts.

Horticultural Tools and Requisites.

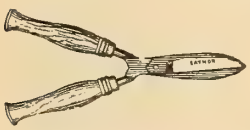
	Price.
Asparagus Knife (English)	$1.50
Axe, handled, light, $1.25; heavy	1.50
Bill Hook; light, $1.25; heavy	1.50
Brush Hook, handled	1.25
Crowbars, steel, from 12 to 20 lbs., per lb.	.08
Dibbers, small, 40 cts.; large	.50

Daisy or Dock Lifter	1.25
Drain Cleaner, to push or pull	1.50
Floral Tools, set of 4 in a paper box	.60
" long handled, useful, set of 4	1.50
Forks, digging, 4 prong, $1.25; 5 tine	1.50
" manure, 4 tine, $1.00; 5 tine	1.25
" " extra heavy, 4 tine, $1.25; 5 tine	1.50
" hay, 2 tine, 50 cts.; 3 tine	.60
" hickory, stable, 3 tine	.75

Fork, hand weeding, American, 25 cts.; English, 75 cts. and	1.00
Fruit Picker, "The Boss," without pole	.75
Grafting Chisel	.60
Garden Line, linen, twisted, 75 feet	.50
" " braided, "	.50
Glass Cutter and Glazing Tool, each 10 cts.; per doz.	1.00
Glass Cutter, Ebony Handle, (Genuine Diamond.)	3.00

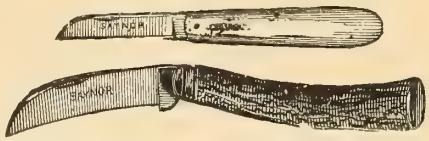


Grass Edging Knives (English), 8 in., $1.50; 9 in.	1.65
" " " 10 in.	1.80
" " handles extra	.15
Grass Hooks (English) small	.50
" " medium	.60
" " large	.70
Hatchet, broad pruning	.80



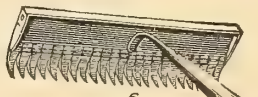
Hedge Shears (with notch, 25 cts. extra), 8 in.	2.00
" 9 in., $2.25; 10 in.	2.50
Edging or Border Shears (English), (wheel 50 cts. extra), 8 in.	2.50
Edging or Border Shears (English), 9 in., $2.75; 10 in	3.00
Hoe, draw or field, 5 in., 40 cts.; 6 in.	.45
" " 7 in., 50 cts.; 8 in.	.60
" scuffle or push (English), 5 in., 55 cts.; 6 in.	.60
" " " 7 in., 65 cts.; 8 in.	.70
" " " 9 in., 75 cts.; 10 in.	.80

	Price.
Hoe, scuffle or push (English), 12 in.	$0.90
" " " handles (extra)	.15
" Warren, medium, 80 cts.; large.	1.00
" Prong or Potato Hook, flat tines	.75
" Hexamer's Pronged Potato Hook	1.25
" Bayonet, 60 cts.; handled	.75
" Crescent, 7 in., 50 cts.; 8 in	.75



Knives, Budding and Pruning (Saynor's), $1.00 to.	1.75
" American, 50 cts. to	1.00
Pick, Railroad, handled	1.25
" Mattock, handled	1.50
Post Hole Spoon	1.25
Pruners, Water's, Tree, 4 ft., $1.25; 6 ft.	1.50
" " " 8 ft., $1.75; 10 ft	2.00
" " " Extra Knives, each	.25
Pruning Saw and Chisel	1.25
" Gloves, per pair, 75 cts. to	1.00

In the cultivation of a Lawn it is highly beneficial that the earth around the roots should be slightly stirred or scarified. This treatment is essential to have good growth, and a Lawn will be found to withstand dry weather much better after using this Rake. Lawns where it has been used have kept fresh and green throughout the summer while others adjoining were parched and brown. This Rake will also be found well adapted for use on fine gravel walks. .75



Rake, Garden, steel, 6 teeth, 35 cts.; 8 teeth	.40
" " " 10 " 50 cts.; 12 "	.60
" " " 14 " 70 cts.; 16 "	.80
" Short Tooth, steel, 10 teeth, 60 cts.; 12 teeth	.70
" " " 14 " 75 cts.; 16 "	.85
" Hay, wooden, 3 bow, 12 teeth.	.30
" Lawn, wooden, 3 bow, 22 teeth	.50
" " Davis's steel wire	.75
" " or Daisy (English), 22 teeth	3.50

Scissors, Flower Gathering (English), 6 in.	1.25
" " " " 7 in.	1.50
" Grape, Thinning (English), 6 in.	1.00
" " " " 7 in.	1.20

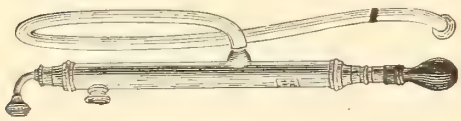
	Price.
Scissors, Pruning (English), $1.00 to	$1.75
" Propagating	1.00
Reels for Garden Lines, wrought, small	.55
" " " " large	.80
Saws, Pruning, double-edged, 16 in	.75
" " " 18 in., 80 cts.; 20 in.	.90
Scythe, Clipper, Hay, 30 to 40 in. each	1.00
" English Lawn, 30 to 40 in. "	1.50
" Snath or handle, patent, each	1.00
" Stones, Round Talacre, each 15 cts.; doz.	1.50
" Rifles, triple-coated, each 15 cts.; doz	1.50
Shears, Lopping (English), medium, $2.50; large	3.00

Shears, Sheep, American	.75
" " English, long blades	1.25
Spades, first quality, steel, $1.00; extra quality, Ames's	1.25
Spades, celery banking	1.25
" Post Hole, concave	1.25
Shovels, first quality, steel, $1.00; Ames's extra quality	1.25
Shovels, first quality, steel, round point	1.00
" Scoop, medium, $1.25; large	1.50
" Potato, steel wire, dirt sifts out	1.75
Syringes, Zinc barrel, 19x1¾ in., 1 nozzle	1.25
" Hydronette, 19x1½ in., 2 nozzles	6.00

BRASS GARDEN SYRINGES.

Length of barrel, 18 in.; diameter, 1½.

Syringe No. 1, Ladies', 1 spray rose	$2.50
" No. 2, Ladies', 1 stream and 2 spray	3.75
" No. 5, best conical valve, 18x1½ in	6.00
" No. 6, large size, 1 spray rose and angle joint turning in all directions, for washing under the leaves, etc	6.50
" No. 2½, Open Rose Syringe, 2 spray roses and jet full size	4.00
" No. 11 (2nd qual.), full size, 2 spray roses and jet	3.50



THE ECLIPSE SYRINGE

PATENT APPLIED FOR.
Length of barrel, 14 in. x 1¼ in. diam.

This new Syringe will supply a long-felt want for a perfect, easy-working syringe pump.

With a 5-inch stroke of the piston a *continuous* stream of water can be thrown 50 feet with as little exertion as is necessary to work the smallest syringe.

No packing is necessary, as by its peculiar construction there is no possibility of its leaking.

Dents in the outer barrel have no effect whatever upon its working parts. It is almost indestructible.

Price, $6.00; with detachable elbow joint for washing under the leaves, etc., $6.75.

THERMOMETERS.

Japanned tin cases, 8 inches, 30 cents; 10 inches, 40 cents each.

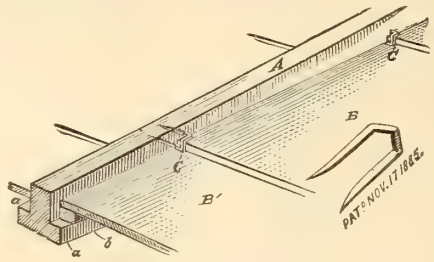
———— Tagliabue's, 8 inches, 75 cents; 10 inches, $1.

Hot and Cold Registering Thermometers, showing highest and lowest temperature reached during the night, $3 each.

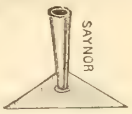
Minimum Registering Thermometers, showing lowest temperature reached during the night, $1 each.

Cylindrical Thermometers (for plunging in hot-beds), 75 cents.

"PERFECTION" GLAZIER'S POINTS.



	Price.
Per box of 1,000	$0.60
Pincers for same	.50



Tree Scrapers	$0.50
Trowels (English), 5-inch	.45
" " 6-inch	.55
" " 7-inch	.65
" " 8-inch	.75
" (American forged steel), 6-inch	.45
" " " 7-inch	.50
" " " 8-inch	.60

WATERING-POTS—GALVANIZED.

6 quarts	$0.75
8 quarts	.90
10 quarts	1.00
12 quarts	1.25
16 quarts	1.50

PHILADELPHIA PATTERN, WITH TWO ROSES.

6 quarts	$1.50	10 quarts	$2.00
8 quarts	1.75	12 quarts	2.25

WISS'S HAND-PRUNING SHEARS.

7¼ inches	$1.50
7¾ "	1.65
8¼ "	1.80
9 "	2.00

GERMAN PRUNING SHEARS.

MALLEABLE IRON—STEEL BLADES.

7½ inches	$1.00	8 inches	$1.30
9 "	1.60	9¼ "	1.75

Various other patterns, from $1 to $4.50 each.

ELASTIC PLANT SPRINKLERS.

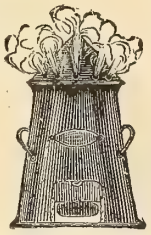
An indispensable article for window gardening, it being one of the best inventions for washing the foliage and sprinkling plants kept in the house during the winter, and for washing and moistening cut flowers, and dampening clothes. $1.00 each; by mail, $1.10. Small size, 50 cts. each; by mail, 60 cts.

NEW ANGLE NECK SPRINKLER.

$1.00 each; by mail, $1.10.

	Price.
Weeders, Hand, Noyes'	$0.25
" " Hazeltine's	.25
" " Excelsior	.15
" " Lang's	.25

THE EUREKA FUMIGATOR.



This apparatus is of simple construction and not liable to get out of order. When once lit it is self-acting, and may be left in the house with perfect safety, as flaring or setting anything on fire is an impossibility, while all the material is completely consumed without waste, and given off in a dense smoke, filling a house in a short time, thus ensuring the entire destruction of insect life.

It can be used for fumigating Greenhouses, Pits, Frames, Hospitals, Ships, Poultry-houses, etc.; for destroying vermin and purifying rooms. Directions for use sent with each machine.

No. 1.—Height, 12 inches; diameter at top, 5 inches; suitable for small greenhouse... $1.50

No. 2.—Height, 16 inches; diameter at top, 7 inches; suitable for medium-sized greenhouse. Holds one peck of stems..... 2 50

No. 3.—Height, 20 inches; diameter at top, 9 inches; suitable for a large greenhouse. Holds one-half bushel of stems 3.00

No. 4.—Height, 24 inches; diameter at top, 12 inches; for a house 20x100 feet. Holds three-quarter bushel of stems..... 3.75

THE IMPROVED ISBELL MOLE TRAP.

It is acknowledged by all who have given it a trial as the best Trap ever invented for catching and destroying the underground mole. When properly set, it never allows the mole to escape, and no skill is required in setting it.

The "Improved" Isbell Mole Trap is made of the best annealed iron, so that it will wear for years and never shatter, as other mole traps do, they being made of common cheap cast-iron.

We have not the space, neither is it necessary, to print the hundreds of testimonials which we have received from all parts regarding this trap. Price, $2.50 each.

DIRECTIONS FOR SETTING.

Brush the dirt off the top of the mole track, then stick the two main prongs into the ground astride of it, so that the wooden pin will be about 1½ inches from the bottom of the run. Then brush the dirt back again in its original position, as near as possible, pull up the handle at the top and adjust the catch.

ROE'S MAGIC SPADE.

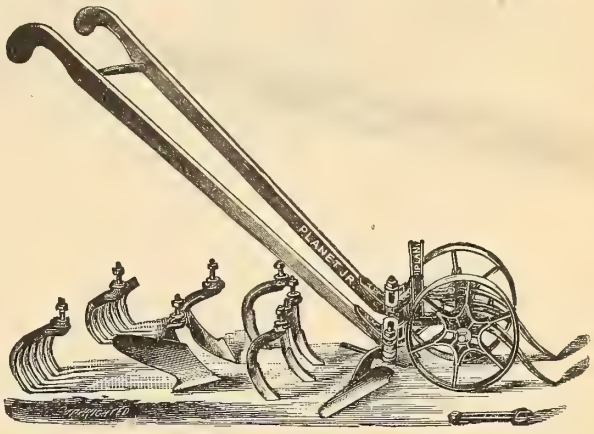
We have received many flattering testimonials speaking of the excellence of this Spade, the special advantages of which are seen in the accompanying cut. $1.50.

WOODASON'S IMPROVED BELLOWS.

This bellows is the best ever invented for distributing poison powders for the destruction of insects in the conservatory, garden, orchard and field. It can be held in any direction without wasting powder.

Double Cone Bellows	$3.00
The Large Single Cone, with spreader	2.00
Single Cone Bellows, for house use	1.00
Liquid Atomizer Bellows, large	2.00
" " " small	1.25

SEED DRILLS AND CULTIVATORS.



THE "PLANET JR." DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

It hoes and cultivates all garden crops, throwing earth either to or from the plants. It is furnished with 4 cultivator teeth, 2 rakes, 2 hoes and 2 plows, all interchangeable and adjustable to any row. Price, $7.50.

THE "PLANET JR." SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

Supplied with cultivator teeth, hoes, rakes and plow, enabling it to do any kind of gardening, hoeing or cultivating. Will not straddle the rows like the Double Wheel Hoe. Price, $5.50.

THE "PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

Combines the Seed Sower, Cultivator and Wheel Hoe, Rake and Plow in one implement. The hopper holds one quart only, but sows as well as the No. 2 Drill, and it will cultivate, hoe and plow, etc. Price, $11.00.

THE "PLANET JR." No. 2 SEED DRILL.

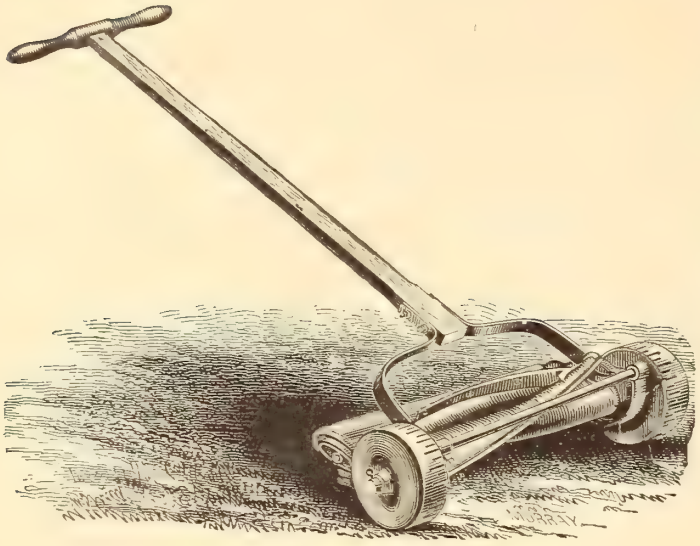
The latest improved, most practical, simple and durable hand seed sower on the market. It opens the furrow, drops the seed, covers it and rolls it, and marks out the next row all at one operation. It holds 2½ quarts, and sows all kinds of garden seeds in rows. Price, $8.50.

☞ A Catalogue illustrating and fully describing the "Planet Jr." Machines will be mailed on application.

IRON GARDEN OR LAWN ROLLERS.

Made with Brown's Patent Weights, which can be put on or taken off as desired; without bolts or pins. When on the axle they keep the handle upright.

		Face.	Diameter.	Weight.	Price.
2	section.	7½-inch.	15-inch.	125 lbs.	$7.00
1	"	12 "	20 "	140 lbs.	8.00
2	"	12 "	24 "	400 lbs.	18.00
2	"	12 "	28 "	500 lbs.	21.00



LAWN MOWERS.

PHILADELPHIA LAWN MOWERS.

There are no better Lawn Mowers in the market than these well-known machines; light running, well made, easily kept in good order, and wear better than any other.

	List Price.	Net Price.
10-inch cut, weight 22 lbs	$13.00	$6.50
12-inch cut, weight 24 lbs	15.00	7.50
14-inch cut, weight 36 lbs	17.00	8.50
16-inch cut, weight 38 lbs	19.00	10.00
18-inch cut, weight 44 lbs	21.00	11.00
20-inch cut, weight 46 lbs	23.00	12.00

EXCELSIOR ROLLER MOWER.

The best Roller Mower made.

	List Price.	Net Price.
10-inch cut	$13.00	$8.45
12-inch cut	15.00	9.75
14-inch cut	17.00	11.00
16-inch cut	19.00	12.25
18-inch cut	21.00	13.75
20-inch cut	23.00	15.00

EXCELSIOR HORSE LAWN MOWER.

Guaranteed to be the best and most perfect Horse Lawn Mower manufactured.

	List Price.	Net Price.
30-inch cut	$110.00	$71.50
35-inch cut	135.00	87.75
40-inch cut	170.00	110.50

NEW HIGH WHEEL PENNSYLVANIA LAWN MOWER.

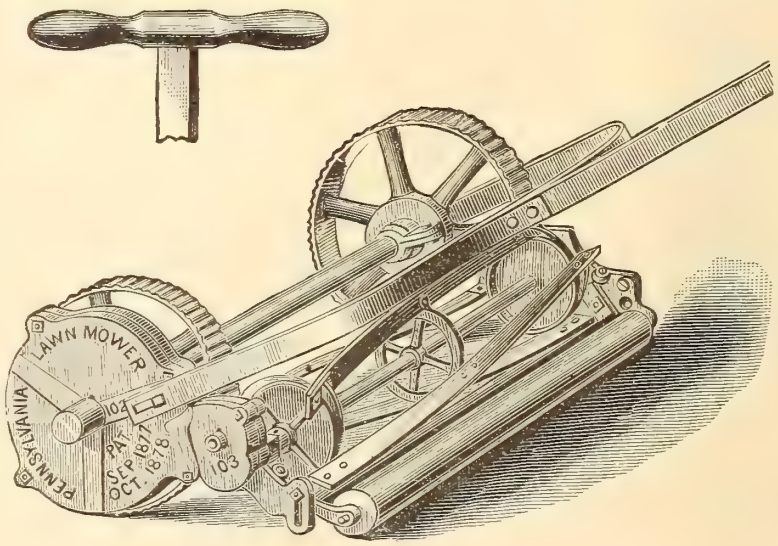
FOR HIGH GRASS.

Having made special contracts with the makers of these A 1 Mowers, we are in a position to offer them at prices far less than any other respectable and reliable house. They are undoubtedly the best in the market for large lawns, cemeteries and parks. They cut grass 6 to 10 inches high.

SPECIAL NET PRICES
FOR THE

New High Wheel Pennsylvania Lawn Mower.

15 inches	$13.00
17 "	14.00
19 "	15.00
21 "	16.00



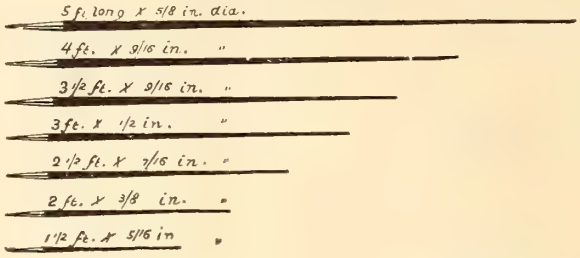
WOOD LABELS.

	Per 100.	Per 1,000.
4 in. Plain	$0.10	$0.60
4 " Painted	.15	.80
4½ " Plain	.15	.70
4½ " Painted	.20	.90
5 " Plain	.15	.80
5 " Painted	.20	1.00
6 " Plain	.20	1.00
6 " Painted	.25	1.25
6 x 1 in. Plain	.25	2.50
7 x 1 "	.40	3.00
8 x 1 "	.50	3.50
12 x 1¼ "	.60	4.50
Tree Labels, notched	.10	.50
" pierced	.10	.55
" iron wired	.20	1.25
" copper wired	.30	1.75

WOLFF'S MARKING INK PENCILS.

Black. The cheapest made for producing an indelible mark upon wood labels for garden purposes; 15 cts. each.

PLANT STAKES.



ROUND GREEN TAPERING STAKES (LIGHT).

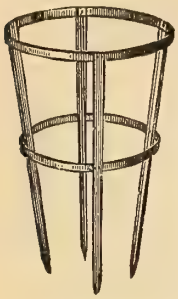
	Per doz.	Per 100.
1½ feet	$0.20	$1.00
2 "	.30	2.00
2½ "	.40	2.50
3 "	.50	3.00
3½ "	.60	4.00
4 "	.70	5.00
5 "	.80	6.00

ROUND GREEN TAPERING STAKES (HEAVY).

	Per doz.	Per 100.
3 feet	$0.70	$5.00
4 "	.80	6.00
5 "	1.00	8.00
6 "	1.25	10.00

CANE PLANT STAKES.

These form a valuable substitute for the more expensive plant stakes in use. They are from 5 to 8 feet in length and can be cut to any desired size. Being light and durable they are adapted for supporting Roses, Carnations, Gladioli, etc. Per doz., 20 cts.; 100, $1.25; 1,000 $10.00.



TOMATO SUPPORTS.

The best Tomatoes are grown when borne a distance from the ground and subject to a free circulation of air. Gnarled, half-rotten, watery fruit is the result of allowing the vines to fall over and lie on the ground. This Tomato support is a neat article, keeping the fruit clear of the ground, and enabling it to develop and ripen evenly, the sun and air having free access to it; 15 cts. each; $1.50 per doz.

PATENT WATERPROOF PLANT BED CLOTH.

As substitute for Glass Sash on Hot-Beds and Cold Frames. At one-tenth the cost of glass and equal thereto.

This Patent Cloth Covering has been used by leading florists and growers all over the United States, and very strongly endorsed by them. Its cost is so moderate and its use so effectual that hot-beds and cold frames can be constructed very simply and cheaply. It does not shrink in exposed service or decay rapidly. Protects plants in spring or fall from frost or chill. Promotes early, hardy and vigorous growth, allows healthy ventilation, and produces best plants. Cloth is all 36 inches wide. Prices: Light grade, usually used for protecting tobacco plants, in pieces of 60 yards, $3.00 per piece; in less quantity, 6 cts. per yard. Medium grade, 45 to 50 yards in piece, 8 cts. per yard; in less quantity, 10 cts. per yard. Heavy grade, 40 yards to piece, $4.50 per piece; less quantity, 12 cts. per yard.

TYING MATERIALS.

Raffia..... Per lb., 30 cts.
Green Smilax Twine.....15 cts. per ball; $1.50 per doz.

TROWBRIDGE'S GRAFTING WAX.

This has been in use for a number of years, and is highly recommended. Price, 40 cts. per lb.; ¼ pound packages, 15 cts. By mail, 16 cts per lb. extra.

FIBROUS PEAT.

Of great value for hot-house and greenhouse plants, and especially for Orchids. Per bbl., $2.25.

SPHAGNUM MOSS.

Very useful for mixing in soil for potting, also for mulching, packing, etc. Fresh moss, $1.75 per bbl.; dry moss, for packing, etc., $1.50 per bbl.

COCOANUT FIBER REFUSE.

Valuable for mixing with soil for plants, either in beds or in pots; are a most excellent substitute for leaf mold or peat. Plants of all kinds thrive in it with the greatest luxuriance. 50 cts. per peck; $1.50 per bushel, in bags or bbls.

BRYANT'S PLANT PROTECTOR.

Made of light, split wood, covered with mosquito netting. 20 cts. each; $1.75 per doz.

MATS.

For covering hot-bed sashes, etc. Straw Mats, 6 ft. wide by 6 ft. long, $1.50 each. Russian Bass Mats, 4 ft. by 7 ft., 40 cts. each; $4.00 per doz.

Armored Rubber Hose, ½ inch, 3-ply....18 cts. per foot.
Standard " " " ....10 " "
Ridgewood " " " ....15 " "
Maltese Cross " " " ....20 " "
In 25 and 50 feet lengths.

INSECT EXTERMINATORS.

Australian Garden Wash. Can be used with perfect safety on the most delicate plants, and will prove invaluable to florists and gardeners. As a destroyer of insect life it has no equal. Per pt., 50 cts.; qt., 80 cts.; half gal., $1.50; gal., $2.50.

Fir Tree Oil. This new insect destroyer has proved to be one of the most reliable for red spiders, green fly, mealy bug, caterpillers, slugs, blight, etc. Dilute with water and apply with ordinary or bellows syringe, or by dipping the plants. Per pt., 75 cts.; qt., $1.50; ½ gal., $2.75; gal., $5.00.

Gishurst Compound. An English preparation for green fly, scale, bark lice, mealy bug, red spider, etc. Dissolve in water and apply with syringe. Per lb. box, 50 cts.; 3 lb. box, $1.00.

Hellebore. Powdered White Hellebore for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Per lb., 30 cts.

Tobacco Stems for Fumigating. Clean and free from rubbish. In bales of 100 lbs., $1.50 each; 500 lbs., $6.00.

Slug Shot. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals paris green where used liberally, without the danger from poison. Prices: 5 lb. pkt., 30 cts.; 10 lb., 50 cts.; per bbl. of 235 lbs., 4 cts. per lb.

Hammond's Grape Dust. A preparation to kill the destructive mildew that strikes the grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. 5 lb. pkt., 35 cts.; kegs of 100 lbs., $5.00.

Sulphur—Flour of Sulphur. This is a staple article for greenhouse use; mixed with linseed oil and painted on the pipes it has been found a sure cure for mildew. In packages of 5 and 10 lbs., 40 and 75 cts. each.

Tobacco Dust. This is a splendid insecticide for general use, and the best article for dusting vegetable plants, such as melons, cucumbers, etc. Per lb., 10 cts.; 10 lb. pkt., 75 cts.

Tobacco Soap (Rose Brand.) Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in a gallon of water. ½ lb. tins, 25 cts.

Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Per lb., 15 cts.; 5 lbs., 60 cts.; 25 lbs. and over, 10 cts. per lb.

Woodason's Poultry Lice and Distemper Killer. One handful of this powder placed on a dust heap, or sprinkled about hen-house, will rid poultry of vermin and disinfect from distemper. 25 cts. per pkt.

SUMMER FLOWERING BULBS and PLANTS.

APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich deep purple flowers, which have a strong, delicious Violet fragrance. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and should not be taken up during winter. Plant two or three bulbs near together to produce a greater mass of vines and flowers. Bulbs, 10 cts. each; $1.00 per doz.

ACHIMENES.

Tender bulbs, blooming freely from July to October They should be potted in a mixture of peat, sand and light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. 10 cts. each; 75 cts. per dozen.

AMPELOPSIS VEITCHII.

Without exception the most effective and beautiful climber known for covering structures of any kind, either houses, walls, porticos or front verandas. The tenacity and persistency with which it clings to brick, stone, wood or iron alike is one of its greatest recommendations. This charming plant is also known as "Boston Ivy" and as "Japan Ivy." It is perfectly hardy. 20 cts. each; $2.00 per dozen.

AMARYLLIS.

Equestre. A very showy and scarce variety. Flowers distinct, soft brilliant orange scarlet, with clear white throat, very showy. 25 cts. to $1.00 each.

Johnsoni. Crimson flowers, striped white. Large bulbs, 75 cts. each; medium, 50 cts. each.

Vittata. Finest mixed. 50 cts. each.

Atamasco Rosea. Beautiful flowers of a soft rosy pink, gradually growing whiter, until they are a pure white, tinged or blushed with rose. 20 cts. each; $1.50 per dozen.

Aulica Platypetala. The most handsome of all Amaryllis. Brilliant scarlet. $1.00 to $5.00 each.

Graveana. Orange-red and white. 50 cts. each.

ANEMONE, JAPONICA ALBA.

This is a splendid hardy Anemone, with a profusion of large, pure white flowers, which are produced in great abundance from July to October. It is very useful for cutting, and one of the grandest ornaments a garden can possess during autumn. 25 cts. each; $2.00 per dozen.

ELLIOTT'S SUPERB TUBEROUS-ROOTED BEGONIAS.

These showy and charming Begonias are peculiarly suitable for summer flower garden use, and no class of plants of equal decorative value can be grown with less labor and attention. Plant about May 15th, and you will have a mass of beautiful foliage set off with unsurpassed sprays of immense flowers, measuring from 4 to 7 inches across. The shapely glistening leaves gracefully droop to the ground and form a dense oval pyramid, while this is crowned with an unbroken mass of flowers endless in color—from the warm rich scarlet, soft rose, golden yellow, pure white, etc.—making a most surprising sight to any one not familiar with them. The plants are covered with bloom the entire season. The tubers can be taken up and stored like a Tuberose; when perfectly dry cover with sawdust. They do as well and produce as rich an effect as the finest stove or greenhouse plant. (See colored plate, page 1.)

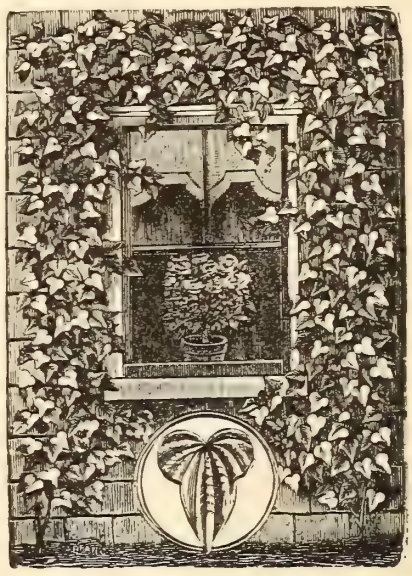
Single. Very finest mixed varieties, 20 cts. each; $2.00 per dozen; $12.00 per 100

Double. Finest mixed varieties, 40 cts. each; $4.50 per dozen.

CALLAS.

Calla Lily. (Richardia Ethiopica). One of best-known plants and of easy management. 20 cts. each; $2.00 per dozen. Larger plants, 25 to 50 cts. each.

The Spotted Calla. (Richardia Alba Maculata.) The leaves of this beautiful Calla are deep green, with numerous white spots, which give the plant a fine appearance. The flowers are pure white, with a black center. 15 cts. each; $1.50 per dozen.



CINNAMON VINE.

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but root is hardy. Large selected roots, 10 cts. each; $1.00 per doz.

CALADIUM ESCULENTUM.

This is one of the most beautiful and striking of the ornamental foliaged plants, either for culture in large pots or tubs, or for planting on the lawn, or masses in beds, or for margins of water. It will grow in any garden soil, and is of the easiest culture. Medium size, 15 cts. each; $1.50 per doz. Large, 20 cts.; $2.00 per doz.; $12.00 per 100. Extra large, 25 cts. each.

CLEMATIS.

Clematis Coccinea. (*The Coral Clematis.*) Flowers of the richest coral scarlet. On strong vines they are borne in great profusion from early in June to the end of summer. 25 cts. each; 5 for $1.00.

Clematis Crispi. A beautiful and distinct species; flowers of the most beautiful lavender-blue tint on the surface and margin of petals; the center of an opaque white. The flowers are of a thick leathery texture, with a delicious bergamot perfume. Hardy and very free flowering, continuing from June until frost. 25 cts. each; 5 for $1.00.

Clematis Jackmanii. This, with its rich, deep velvety purple flowers, covering a large space with a solid mass of color for a long time each summer, is a truly valuable climber. It is perfectly hardy. 40 cts. each; 3 for $1.00; extra strong plants, 75 cts. each; $6.00 per dozen.

Clematis Henryi. One of the best perpetual hybrids, flowers white, large, showy and freely produced. 40 cts. each; 3 for $1.00; extra strong, 75 cts. each.

Twelve Best Hybrid Clematis in twelve sorts, our selections, strong, two-year old vines. 50 cts. each; $5.00 per dozen. Mixed unnamed varieties, 25 cts; each; $2.50 per dozen.

Clematis Davidiana. This new Japanese Clematis is destined to become the finest of all hardy plants. It is a shrubby, upright plant, from 2 to 4 feet high, with bright, fresh foliage, and encircled tier upon tier with delightful long tubular, bell-shaped flowers of distinct deep lavender color, and impregnated with a delicious fragrance. Pot plants to bloom first year, 25 cts. each; $2.50 per dozen.

CANNAS.

New Canna, "Star of 1891." This is simply a wonder. It is of a marked perpetual blooming character, distinct from all others. It blooms all summer outside, and will bloom all winter in the greenhouse. For vases and tubs it has no equal. It is dwarf, and makes an elegant flowering bedding plant, being a sheet of bloom all summer. The individual flowers and trusses are the largest ever seen. Color is dazzling orange-scarlet, with a small yellow border around each flower. 50 cts. each.

TALL-GROWING VARIETIES.

Ehemanni. One of the most distinct Cannas grown, on account of its large, oval-shaped leaves and carmine red flowers, which are borne on long stems; very effective. 3 to 4 ft. in height.

Canna Noutoni. Quite distinct from Ehemanni in coloring, being a rich shade of crimson scarlet. It is a tall, robust grower, with foliage of great beauty, and a remarkably profuse bloomer, producing immense spikes and side sprays of very large vermilion-scarlet flowers of dazzling brilliancy.

Ornaments de Grand Rouge. A variety of great beauty. The foliage is of the brightest purple crimson; rather narrow, but very stiff, looking like some variety of *Dracæna;* the best of all dark-leaved Cannas.

Premices de Nice. Foliage of light green, growing erect, flowers medium size, of canary yellow, very free blooming. 3 to 4 ft. in height.

Above varieties 25 cts. each; $2.50 per doz.

NEW FRENCH CANNAS.

Too much cannot be said in praise of these magnificent flowering plants. They are of dwarf habit, averaging 4 feet in height, with luxuriant and richly-colored foliage. Their great merit, however, lies in the large size and dazzling hues of the flowers. They resemble, but far excel, the Gladiolus in brilliancy of color, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Named varieties, 30 cts. each; $3.00 per doz.

NEW CARNATIONS.

American Flag. The most remarkable novelty of recent introduction. The flowers are brilliant and beautifully striped scarlet and white.

Fred. Creighton. A very handsome Carnation, after the style of Grace Wilder, color satiny pink, on long stems and good grower.

Hector. One of the brightest scarlet Carnations yet out, fine strong grower, stem long and stiff.

Lizzie McGowan. Flowers large and of the purest white, free bloomer, never bursts. The best white Carnation grown.

Above varieties 20 cts. each; $2.00 per doz.

The following varieties are well-proven kinds, and will be found satisfactory if well cared for:

Black Knight. Richest crimson; fine color, on long stems.

E. G. Hill. A grand flower; rich scarlet.

Hinze's White. One of the very best flowers; opening creamy white, afterwards pure white.

May Queen. A lovely rose pink; very large; strong grower; free habit.

Above varieties 10 cts. each; $1.00 per doz.

DAHLIAS.

Our Dahlias are from the finest collection in the country. A complete range of color is always included in an assorted dozen.

DRY ROOTS BY EXPRESS—READY NOW.

	Per Doz.
Large flowering and fancy double varieties, named, our selection	$3.00
Mixed finest double varieties, 20 cts. each	1.75
Pompon varieties, named	3.00
" mixed	1.75
Cactus, named	3.00
" mixed	1.75
Single, in separate colors	2.00
" mixed	1.50

PLANTS READY APRIL 1st.

12	Distinct	Show, named	$1.50
12	"	Fancy, "	1.50
12	"	Pompon, "	1.50
12	"	Single, "	1.50
10	"	Cactus, "	1.50

GLOXINIAS.

From a superb collection of upright and drooping-flowered varieties.

These are among the handsomest of our summer-blooming house plants, the rich and varied colors of the flowers being beautiful in the extreme; flowers 2 inches long by 1½ inches diameter, upright and pendulous; colors crimson, violet, rose, scarlet, white, etc. The bulbs should be started in April, and after blooming all summer require a season of rest. This can be done by gradually withholding water from them. After they are dried off they may be kept in a warm, dry cellar, or under the stage of a greenhouse. 35 cts. each; $3.00 per dozen; $8.00 per hundred.

HYACINTHUS CANDICANS.

A new species of Hyacinth, which blooms during August and September, growing 3 to 5 feet high, with long spikes of pure white flowers. Planted in the spring they bloom in August, September and October; strong bulbs producing two, three and even four flower stems. They are perfectly hardy. 10 cts. each; 75 cts. per dozen.

IRIS.

Iris Germanica. These are hardy herbaceous early-blooming plants, with large ornamental flowers of rich and elegantly blended colors, exquisitely striped with dark violet, purple or bronzed lines upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low-growing Sedges on the margins of fish ponds. 15 cts. each; $1.50 per doz.

IRIS—*Continued.*

Iris Kæmpferii. Among summer-flowering plants these Iris must take a foremost place. They are thoroughly hardy, of distinct and showy colors, and flower for a period of five to seven weeks during June and July, with graceful and bright foliage afterwards. The flowers are of great size, and from 6 to 8 inches in diameter, double and single. From 25 cts. to 50 cts. each; $3.00 per doz.

LILIES.

The cultivation of most varieties of Lilies is very simple. Good friable garden soil, with a little protection of leaves, etc., in the winter, is all that is needed. The various varieties bloom from early spring until frost.

L. Speciosum Album. Pure white, and very fragrant. 30 cts. each; $3.00 per doz.

L. Speciosum Roseum. White, spotted with rose. 15 cts. each; $1.50 per doz.

L. Speciosum Rubrum. Rose, spotted with crimson. 15 cts. each; $1.50 per doz.

L. Speciosum Album Præcox. Pure white, with a slight rose tint on the ends of the petals. 30 cts. each; $3.50 per doz.

L. Speciosum Monstrosum Album. An interesting and distinct variety, with a broad, flat stem, pure white flowers, very floriferous. 25 cts. each; $2.00 per doz.

L. Brownii. A magnificent variety, with fine, large foliage; flowers very large, fine white inside, purple outside. 75 cts. each.

L. Excelsum. Of stately form, beautiful color and delightful fragrance; flowers of a delicate light buff color. 50 cts. each; $5.00 per doz.

L. Pardalinum. Scarlet, shading to orange, spotted with maroon. 20 cts. each; $2.00 per doz.

L. Superbum. A beautiful and rich yellowish red-spotted drooping Lily. 15 cts. each; $1.25 per doz.

L. Tenuifolium. (*Coral Lily of Siberia.*) This is one of the most charming of all Lilies, with brilliant scarlet wax-like flowers. 30 cts. each; $3.00 per doz.

LILIUM SPECIOSUM.

LILIES—*Continued.*

L. Auratum. (*Golden-rayed Queen of Lilies.*) This magnificent variety has become one of the standard favorites of the flower garden, and is considered by many the finest of all Lilies. 25 cts. each; $2.50 per doz.

L. Tigrinum. (*Tiger Lily.*) Orange-salmon, spotted black. 10 cts. each; $1.00 per doz.

L. Tigrinum Flore Pleno. (*Double Tiger Lily.*) 15 cts. each; $1.50 per doz.

L. Wallacei. A magnificent Japanese variety, with beautiful, clear buff flowers, spotted with black, very distinct. 15 cts. each; $1.50 per doz.

SWEET-SCENTED LILIUM WALLICHIANUM SUPERBUM.

This handsome Lily has attracted a considerable amount of attention since we introduced it in the spring of 1891. We shipped large quantities last year to all parts of the country, and our customers are unanimous in their praise of it. This new species is of great merit, distinct in every way from all others, hardy, very vigorous in habit, grows 5 to 8 feet; flowers tubular, 8 to 12 inches in length, of a pale yellow tinted with pink and very fragrant.

	Each.	Per doz.
First size	$2.00	$18.00
Second size	1.50	15.00
Third size	1.25	12.00

THREE CHOICE SUMMER FLOWERING BULBS.

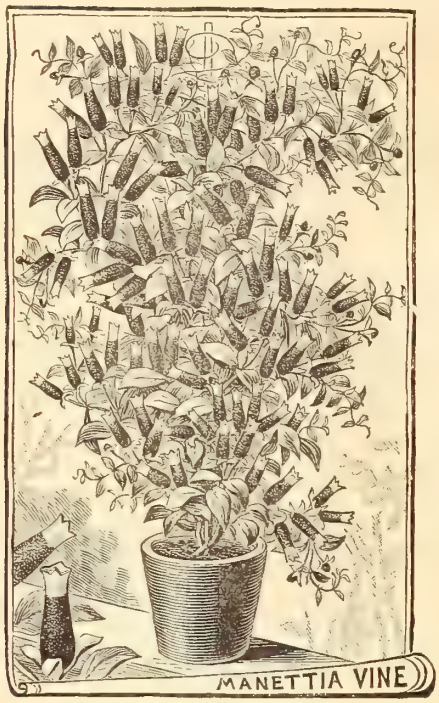
Milla Biflora. One of the loveliest of summer-flowering bulbs, having waxy white flowers of great substance, lasting a week after cutting. The bulbs should be lifted in fall, like Gladioli, and improve from year to year. 10 cts. each; $1.00 per doz.

Bessera Elegans. Flowers bell-shaped, of a bright coral scarlet; very beautiful. It will bloom shortly after being placed in the open ground, and, like the Milla, the blooms will last many days when cut. 10 cts. each; $1.00 per doz.

Cyclobothra Flava. To make the contrast complete we present this golden gem; the cup is golden yellow, with fine black dots in the petals. A few sprays of each, when placed together form a cluster, the three colors of which contrast most beautifully together. 10 cts. each; $1.00 per doz.

MADEIRA VINE.

A rapid growing, graceful vine, with smooth, glossy leaves; bearing racèmes of tiny, white, fragrant flowers. Useful for trellises, rock work, or verandas, 5 cts. each; 50 cts. per doz.



MANETTIA VINE.

This elegant vine is a perpetual bloomer, and deserves a place in every collection. It attains a height of 15 to 20 feet, and is covered during summer and fall with brilliant scarlet and yellow flowers, resembling Desfontania Spinosa. All plants sent out have blooms on them. 20 cts. each; $2.00 per doz.

PÆONIES.

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. We offer a great variety, in many shades of color, including double white, pink, crimson. 40 cts. each; $4.00 per doz.

Tree Pæony. This plant, instead of dying down to the ground every winter as the herbaceous variety, grows into a small, hard-wooded shrub. The flower is the same form as the common variety, but of a light pink or blush color. 50 cts. each; $5.00 per doz.

Pæony Tenuifolium, fl. pl. A very desirable plant, and quite distinct; fern-like foliage; flowers the color and shade of a Gen. Jacqueminot Rose, more double, one-third larger; very fine. 50 cts. each.

TIGRIDIAS.

The Tigridia should be planted in the open ground in May. It commences blooming early in June and produces an abundance of gorgeous flowers till October. It is one of the easiest plants in the world to cultivate, and always sure to bloom abundantly in any situation.

Tigridia Conchiflora. Fine yellow, spotted with crimson. 5 cts. each; 50 cts. per doz.

Tigridia Grandiflora. Large, bright crimson center variegated with yellow. 6 cts. each; 60 cts. per doz.

Tigridia Grandiflora Alba. Of a pearly-white color, marked at the base with large spots of reddish-brown. 8 cts. each; 80 cts. per doz.

TRITOMA GRANDIFLORA.

Few flowers produce such a striking effect and are so attractive as this grand herbaceous plant. It throws up flower stalks 3 to 5 feet high, bearing large solid spikes of flame-colored flowers of great brilliancy. Grown singly or in masses, it has a grand effect. Plants are hardy with good protection, but they are best wintered in the cellar, buried in dryish sand or soil. 20 cts. each; $2.00 per doz.

THE MOON FLOWER.

(IPOMŒA NOCTIFLORA.)

A rapid-growing vine, often attaining a height of 50 feet during the season, and covered nightly and on cloudy days with long festoons of pure white flowers, with a rich Jessamine-like fragrance. 15 cts. each; $1.50 per doz.

TUBEROSES.

In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Place the bulb so the top will be covered about 1 inch with soil.

Tall Double. Largest size. 5 cts. each; 40 cts. per doz.; $2.00 per 100.

Pearl. Largest size. 6 cts. each; 50 cts. per doz.; $2.50 per 100.

Excelsior Pearl. Extra fine large flowering bulbs. 8 cts. each; 60 cts. per doz.; $3.00 per 100.

New Variegated. Leaves bordered with white; flowers single, very large and fragrant; blooms several weeks earlier than the double sorts. 10 cts. each; $1.00 per doz.

(Ten cents extra per dozen fo. Tuberoses when sent by mail.)

NEW GLADIOLUS, "SNOW WHITE."

We take great pleasure in calling the attention of our customers to this very fine Gladiolus. It was first exhibited at the Massachusetts Horticultural Society show in 1879, by its originator, J. F. C. Hyde, of Newton, Mass., and as "Hyde's White" it won various prizes, until in 1881 it secured the "prospective prize" as the best seedling, flowering and foliage plant, for which any competitor must be shown for three consecutive years. It is undeniably the best White Gladiolus yet introduced. The flowers are well formed and of excellent substance, petals gracefully recurved and often beautifully crisped, nearly the entire flower is a perfect paper white with a slight cream shade on the lower petals. A faint line of purple extends about half way through the lower petal. The plant is very vigorous in growth, giving an average of three stems to each bulb. 25 cts. each; $2.50 per dozen.

COLLECTIONS OF CHOICE GLADIOLI AT SPECIAL LOW PRICES.

COLLECTION No. 1.

10 FINE NAMED VARIETIES, - - 50 CENTS.

Napoleon III. Bright scarlet, white line in the center.
Mad. Monneret. Soft rosy pink; late variety.
Marie Lemoine. Long spike of fine, well-expanded flowers; upper divisions of a pale creamy color, flushed salmon-lilac; lower divisions spotted purplish violet, bordered deep yellow.
Angele. Soft mother-of-pearl color.
Le Titien. Very brilliant rosy scarlet.
Noemi. Light rosy lilac.
Sylphide. White, flamed with carmine.
Isaac Buchanan. Best yellow.
Ceres. Pure white, large purplish-rose blotch.
Eugene Scribe. Fine vigorous sort; flowers stand well and of good substance.

COLLECTION No. 2.

10 EXTRA FINE VARIETIES, 75 CENTS.

La Candeur. White, lightly striped with carmine.
Conde. Light orange-red, white blotch.
Phebus. Brilliant red, with large white blotch.
Meyerbeer. Brilliant scarlet, flamed with vermilion; amaranth-red blotch.
Romulus. Very brilliant dark red; large pure white blotch; large white lines on the lower petals.
Amalthee. Pure white, with large violet-red blotch; ground of the corolla velvety-violet.
Astree. Pure white, with distinct violet-carmine blotch; throat suffused with pale lilac.
Coquette. Large and fine flower of bright cherry-red, with a conspicuous pure white blotch.
Reine Victoria. Pure white, dark carmine blotch.
Addison. Deep amaranth.

COLLECTION No. 3.

10 Superfine Named Varieties, $1.50.

Shakespeare. White, very slightly suffused with carmine-rose; large rosy blotch.
Bicolore. Large flowers of bright rosy-salmon, except lower petals, which are ivory-white.
Africain. An entirely distinct variety of quite a novel color—slaty-brown on scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch; dark colored; dense spike.
Fatima. Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy-salmon; violet blotch on creamy ground.
Baroness Burdett-Coutts. Delicate lilac tinged with rose; flamed rosy-purple; spike very long.
Hesperide. Profusely blotched and flaked, bright rosy-salmon, on a pure white ground.
Reine Blanche. Pure white; dark carmine blotch.
Van Spandonk. Fiery red; splendid.
Talma. Rosy-carmine flowers, flamed with bright carmine and striped scarlet and pale violet; blotch amaranth-red, speckled sulphur-yellow
Pepita. Bright golden-yellow flowers, slightly striped carmine at the edges of the petals. The most free-flowering yellow variety of all.

MIXED GLADIOLI.

Extra Superfine Quality. All colors mixed; 40 cts. per doz.; $2.50 per 100.
Red and Scarlet Varieties. 30 cts. per doz.; $2.00 per 100.
Light Colors. No scarlet or dark. 50 cts. per doz.; $3.00 per 100.
White and Light. Very desirable for those in want of light and white flowers. 50 cts. per doz.; $3.75 per 100.
Pink Striped and Variegated. 50 cts. per doz.; $3.75 per 100.
Yellow Varieties. 60 cts. per doz.; $4.00 per 100.

H. F. Spaulding. A grand Japanese variety of most novel shape and effect; color rich apricot yellow shading to rose, center petals clear yellow, bloom solid and double, high built and of largest size. Single plants, $1.50.

J. N. May. Extra large, deep ox blood red, color of Mrs. J. T. Emlin, but much larger and more double; reverse of petals shaded copper bronze, full and solid bloom. A magnificent acquisition.

Mrs. J. W. Morrissey. A mammoth flower with full double center, exhibited 12 inches across; color silvery pink, inner surface of petals bright rose; a grand exhibition bloom. Awarded certificate of merit by Pennsylvania Horticultural Society.

Eva Hoyte. An immense double Japanese bloom of clearest and brightest yellow, a solid ball with full high built center. $250.00 was paid for the control of this magnificent yellow. Single plants, $1.50.

A. Ladenburg. A full and extremely double Japanese variety of immense size, having been grown 10 inches across; color clear delicate rose pink; magnificent for exhibition specimens. Awarded certificate of merit at Madison Square Garden Exhibition.

Shenandoah. Magnificent broad flower, full and double to the center; petals over an inch in width; color a new shade deep chestnut brown on both upper and lower surfaces. The entire bloom being a solid color makes this variety quite novel and distinct.

Single plants, except when noted, $1.00 *each; the collection of twelve varieties,* $10.00. *Ready for delivery March 1st.*

CHRYSANTHEMUMS.

NOVELTIES, 1892.

We desire to call particular attention to the collection below, which we guarantee to be the best twelve ever distributed in one set.

Roslyn. A superb clear mermet rose pink, petals thick and heavy, cup shaped, immense in size, having been exhibited 11 inches across; the best pink in cultivation. Awarded silver medal by Pennsylvania Horticultural Society. Single plants, $1.50.

E. Hitzeroth. A magnificent extra large flower; petals broad and peculiarly arranged. Bright lemon yellow, exquisite and novel form. Awarded the Winslow cup for best yellow, also certificate of merit at the Madison Square Garden Exhibition. Single plants, $1.50.

Lillian Russell. A beautiful broad petaled, clear silvery pink; early flowering variety.

Ada H. Le Roy. Petals broad and cupped full to the center; color deep rose pink, extra large flower.

Col. Wm. B. Smith. An immense double high built flower; petals very broad and large. Single plants, $1.50.

Ruth Cleveland. A chaste and beautiful acquisition of large size, petals broad and cup-shaped, outer rows reflex, inner ones incurve, forming a high built center of most delicate silvery pink. One of the collection winning the Astor cup.

TWELVE OF THE FINEST VARIETIES OF RECENT INTRODUCTION.

Ernst Asmus. Flowers of massive size, plumed and reflexed. The color is a rich chrome-shaded amber, each petal having a line of puce down the center. This variety has proved to be one of the best of any of the large flowering kinds. 50 cts. each.

Emily Dorner. A rather dwarf grower, but very sturdy; flower nicely incurved; petals broad, and of the richest shade of orange yellow, touched with crimson; color extremely rich.

Elmer D. Smith. Foliage very large, heavy and dark green; the color cardinal red of a very rich, pleasing shade, faced upon the back of petals with clear chamois; very fine.

Innocence. A chaste and beautiful flower, the white being of a purity not approached in other varieties. The form is incurved, the same as H. Cannell or T. C. Price.

Lizzie Cartledge. Very large flowers, rather flat; color dark rose, reverse silvery white; strong, stiff stems. Very pleasing.

Mrs. Oliver Laughton. A very large, finely incurved flower. The inner part of the petals are rosy purple, with silvery rose shadings over the entire surface; fine, strong grower and very fine shape.

Mermaid. A soft mellow pink, with deeper shading on outer edge, while at the base it is a deep cream; a fine incurving globular flower, having strong stems and excellent keeping qualities.

Robt. Flowerday. Large flowers; outer petals flat, with incurved center; upper surface crimson, reverse of petals silvery pink.

Sugar Loaf. Free-growing and free-flowering sort; under the most ordinary treatment produces quantities of flowers of the grandest size; outer petals recurve slightly, while the inner rows incurve; the color is varying shades of yellow, often shaded bronze, sometimes perfectly clear.

V. H. Hallock. Rosy pearl, with a waxy texture, deepening towards the center; outer petals straight with a whorled center; very pleasing and a grand variety. 50 cts. each.

Waban. After the style of R. Crawford; flowers full and large, with stiff stems; large, long petals, outer reflexed, incurving to center; color very fine deep pink.

Yosemite. A lovely flower of large size, reflexed in shape, crowning to the center. The color is a rich deep rose, brilliant in effect. This has proved to be a fine variety, very free flowering, and producing flowers of good size under ordinary treatment.

35 *cts. each, except where priced. The set of* 12 *varieties,* $4.00.

BEST NEW VARIETIES OF 1891, FROM ALL SOURCES.

Anna Dorner. A large, full, reflexed flower; outer petals striped and shaded deep carmine; center rich creamy white.

Alcazar. Immense size, robust habit with stiff stems; surface of flower bronze red; reverse old gold.

August Swanson. Of the Wheeler type; bright crimson lined with gold; flower of good substance; dwarf grower.

Chas. Canfield. Flowers large and full, incurving; strong, robust grower; color claret red; reverse silvery pink.

Eda Prass. A fine, recurving, globular bloom of great substance and depth. When opening of a delicate salmon, changing to a creamy white, delicately shaded blush.

Evaleen Stein. A grand flower of large size, very double and full, of a delicate white color. Petals horizontal, with half an inch turned up at an angle, and dividing like the variety called Elkshorn.

John Goode. This is a fancy cut-flower. Of almost globular form and finest silky finish; destined to become a standard sort for cutting; outer petals delicate lavender, forming a decided band of color; inner petals a clear lemon.

J. C. Vaughan. Rich plum-crimson without any purple; petals erect; strong foot stalks; good grower, one of the finest of its color.

Louis Boehmer. Silvery pink, with deep rose on the inside of petals; the outside of the petals are covered with a soft feathery growth, and in addition it is of vigorous constitution, being one of the strongest growing varieties we have, so that it is certain to produce perfect flowers under the most ordinary cultivation, and with a little care will produce blooms of extraordinary size. (See cut.)

Matie Bruce. A fine pink, shaded mauve. A reflex like Anna Dorner, of large size and strong habit.

Mistletoe. A large-sized incurved Japanese, entirely covering the center, the petals being quilled one-third of their length, then opening in bands of a deep silver color on outer side, the inner surface being a rich crimson, making a beautiful contrast; a good, strong grower.

Mrs. Kendall. Fine compact flower; full center; color rich, dark red; reverse of petals bronze, shading to gold; free and good.

Mrs. R. J. Baylis. An immense incurving Japanese bloom, in style of E. H. Fitler, and coronet color; clear yellow-striped and highly marked; red, bronze and old gold petals; by actual measurement 1½ inches in width; strong, robust habit.

Mrs. D. D. Farson. Unquestionably the most meritorious introduction of the year; size immense, solid and compact; color bright mermet pink; good, strong grower.

Mrs. Lay. One of the most beautiful, chaste and lovely flowers ever offered. It is of the Chinese incurved type, somewhat pyramidal in shape, above medium size; the color is pearl white, faintly tinged with pale pink.

Thos. H. Spaulding. A very brilliant and effectively colored variety; flowers very large, of a rich red crimson, with golden yellow tips, partially incurved; fine, healthy grower.

Uji. The most novel colored flower yet seen. The ground color is a deep drab brown overlaid with crimson lines, unique in effect. It is perfectly reflexed, and when matured the petals appear as if they are plaited; a strong grower.

Wootton. This is a good variety, either for pot specimens or for cut bloom. The flowers are pure white, large and globular, with stiff, erect petals; habit rather dwarf.

25 *cents each. Set of* 18 *varieties for* $4.00.

A SPECIAL SELECTION.

Ada Spaulding. A striking variety, globe-shaped, a new type. Lower half of the flower rich deep pink, shading in upper portion to the purest pearl white. Petals very large, broad and solid.

Charles A. Reeser. Rosy pink, with lighter shadings. A fine recurved variety of good habit.

Carrie Denny. Clear amber; a most novel and striking color; flowers spherical, incurving and slightly whorled.

E. G. Hill. Immense bloom, of brightest golden yellow; full and very double. Lower petals sometimes deeply shaded bright carmine.

Etoile de Lyon. A very large flower; lilac rose, with silvery shadings. Promising to be extra good. 50 cts.

G. P. Rawson. A superb double variety, very large, of an entirely new shade. Rich buff, with center petals of bright Nankeen and apricot yellow.

Harry E. Widener. Bright lemon yellow without shadings. Flowers large, on stiff, stout stems. Incurving, forming a large rounded surface; petals crisp and stiff; very free. This has proved to be one of the very finest of all yellows. 35 cts.

Ivory. Flowers medium size, of snow whiteness; the habit of the plant is perfection.

James R. Pitcher. Very full and of great depth. Color, light delicate blush, turning to pure white as the flower matures.

John Lane. A magnificent pink ball in appearance. Color rose pink, with peach or light shadings on under side of petals; ends of center petals tipped with gold.

Miss Minnie Wanamaker. Cream white; incurving from first opening to finish, when it appears as a snow-white ball.

Miss Mary Weightman. A magnificent and distinct chrome yellow bloom, of loose and feathery form, large and full flower.

Mrs. Winthrop Sargeant. Brilliant straw color; incurved; flowers borne on long, stiff stems. Very large.

Mrs. J. T. Emlen. Deep blood red on upper surface of petals; under side old gold.

Mrs. Thomas A. Edison. A large incurved flower with compact center; one mass of long petals of the most delicate rose pink.

Mrs. S. Coleman. Finest of all the Chinese varieties. Color clear canary yellow; reverse of petals uniformly striped, with rose and apricot shades; flowers large and deep. Fine for Exhibition.

Mrs. Frank Clinton. Soft canary color, fading to straw color; perfect habit; extremely free; flowers compact and slightly incurved.

Mahommet. Deep golden yellow, very large; a fine showy kind.

Omar. Very dark-red crimson flower, large, flat and reflexed; quite distinct.

Rohallion. Rich yellow, deepening into chrome; petals long and twisted; flowers of large size, distinct and free. 35 cts.

Shasta. Large, pure white globular flowers, composed of narrow tubular florets; this is a charming variety.

White Cap. Very distinct, close, compact flower, pure white; under sides of petals shaded violet pink.

20 *cents each;* $2.00 *per dozen; except where priced.*

GENERAL COLLECTION.

THE CREAM OF THE OLDER VARIETIES.

Advance. Deep pink; incurved, perfect shape, quite distinct; flowers large and double.

Bertha Flight. Flowers quite large, and of the purest white.

Comte de Germiny. Incurved; Nankeen yellow, under part of petals old gold; an effective exhibition variety.

Coronet. (Thorpe.) Richest golden yellow, incurving to center, occasional crimson stripes on inner side of petals; size immense; a great improvement on *E. H. Fitler.*

Duchess. Reddish crimson, shaded with bronze a fine strong growing kind.

Domination. Flowers of the largest size; pure white; one of the very finest of all. This is identical with Mrs. G. Bullock.

Elenore Bares. Rose shaded bronze; flowers of medium size; very early, distinct.

Excellent. Very soft pink, resembling the color of the Mermet rose; flowers very large, slightly drooping, but quite double; very fine for cut flowers for exhibition.

Gloriosum. Beautiful lemon yellow; fluted petals; early.

Gold. (Mrs. R. Elliot.) A very good yellow variety; rather late; large, full and fine.

G. F. Moseman. One of the finest of its class; flowers 9 inches in diameter; incurved petals; buff without and bright within; large and robust grower.

H. Waterer. Rich golden yellow and bronze; rather late; a fine variety.

John Thorpe. Crimson amaranth, shaded lake; very large; early and distinct.

John Lane. A magnificent pink ball in appearance; color rose pink, with peach or light shadings on under side of petals.

Jessica. The earliest of the large flowering white varieties.

Kioto. A very intense golden yellow flower, peculiarly whorled; a valuable addition.

Lillian B. Bird. A handsome variety, having long, tubular petals of a delicate flesh pink tint; distinct, and will be a great favorite.

L. Canning. Perhaps the most perfect Chrysanthemum yet raised; flowers quite large, pure white; habit dwarf and free; compact, yet robust.

L'Incomparable. Yellow, flamed and striped with reddish bronze; medium height; early.

Mrs. Beecher Stowe. A very beautiful variety for pot culture; flowers medium size, of snowiest white; rather late.

Mrs. Alpheus Hardy. A most charming variety, and not one word too much has been or could be said in its favor. The flowers are of the purest white, incurving to the center. The reverse of each petal is furnished with glandular projections ¼ of an inch or longer, appearing like silken hairs.

Mrs. John Wright. Large, spreading, open flowers, with peculiarly-shaped petals of the purest white.

Mrs. Irving Clarke. Pearl white in the margin, shading to deep rose in center; a good exhibition variety.

Mrs. E. W. Clarke. Rich crimson purple, very large and double; fine habit; one of the best.

Mad. Baco. This is a valuable addition; in color of a silvery rose shade; the flower resembles *Domination* in shape.

Miss Mary Wheeler. Pearly white, of immense size and very double; petals delicately tinted on edges, pale pink; very fine for exhibition.

Miss Esmeralda. Deep crimson; large, well-built, incurved flowers; tips of petals have a silvery tinge; lower petals coppery bronze

M. E. Andre. Buff-shaded amber, reflexed; good habit; fine grower.

M. Bernard. Each amaranth shaded with bright purple; flowers large; very desirable.

M. Brunet. Flowers large reflexed, blush shaded with pink; distinct and free.

M. H. Payne. Chestnut brown, edged yellow and yellowish center; flowers large and flat.

M. E. Nichols. (Syn. October Beauty.) Very early, flowering October 10th; flowers medium size; rosy pink.

Thos. C. Price. A finely-built flower; the color is light pink at the base, with white center; of the largest size, and promises to be a standard variety.

Violet Rose. A new shade of color, being a true rose shade, and of the very largest size.

Wm. H. Lincoln. This is an exquisite light shade of yellow; the flowers are large and perfect in shape; the habit of the plant is without an equal as a yellow.

W. W. Coles. Rich brown with orange reflex, very large; not quite full, but of great merit.

Wm. Robinson. Bright bronze yellow; outer petals yellow; a fine and distinct variety.

15 *cts. each;* $1.50 *per dozen.*

We offer in the following list of Small Fruits only the best varieties; the prices will be found as low as any; the plants are all first class; we pack them in the best and lightest manner possible.

☞ *We cannot accept orders for Small Fruit or Nursery Stock that amount to less than One Dollar.*

STRAWBERRIES.

STANDARD VARIETIES.

Postage, 20 cts. per 100 additional if sent by mail; at dozen rates post free.

Bidwell.	Garretson.	Miner's Prolific.
Bubach.	Glendale.	Monmouth
Capt. Jack.	Hoffman.	Parry.
Champion.	James Vick.	Pearl.
Chas. Downing	Jersey Queen.	Pineapple.
Crescent.	Jessie.	Sharpless.
Crystal City.	Kentucky.	Warfield.
Cumberland.	May King.	Wilson.

Per dozen, 30 cts.; per 100, $1.50.

Bomba.	Haverland.	Lenig's White.
Cloud.	Henderson.	

Per dozen, 50 cts.; per 100, $2.00.

NEW VARIETIES.

	Per Doz.	Per 100.
Gandy	$0.50	$2.00
Daisy	1.00	6.00
Jucunda Improved	1.00	6.00
Eureka	1.50	7.50
Crawford	1.00	6.00
Gold	.75	3.00
Miami	1.00	6.00

RASPBERRIES.

STANDARD VARIETIES.

Postage, 15 cts. per dozen; 50 cts. per 100, if sent by mail.

Brandywine.	Hopkins.	Shaffer's Colossal.
Cuthbert.	Marlboro.	Souhegan.
Gregg.	Nemaha.	Turner.
Hansell.	Ohio.	Tyler.

Per dozen, 75 cts.; per 100, $4.00.

NEW VARIETIES.

	Per Doz.	Per 100.
Golden Queen	$1.00	$5.00
Thompson's Early Prolific	4.00	25.00
Palmer	2.00	10.00
Ada	1.50	6.00
Pioneer	1.50	7.50
Carman	1.00	5.00

BLACKBERRIES.

STANDARD VARIETIES.

Postage, 15 cts. per dozen; 50 cts. per 100, if sent by mail

Early Harvest.	Lawton.	Taylor's Prolific.
Kittatinny.	Snyder.	Wilson's Early.

Per dozen, 75 cts.; per 100, $4.00.

NEW VARIETIES.

	Per Doz.	Per 100.
Erie	$1.00	$5.00
Early King	1.50	7.50
Minnewaski	1.50	6.00
Wilson, Jr	.75	3.00

CURRANTS.

Postage, 15 cts. per doz.; 50 cts. per 100 (for one year old only), if sent by mail. Cherry. Versailles, Red Dutch, Victoria, Black, Naples, Lee's Prolific, White Grape.

	Per Doz.	Per 100.
1 year old	$0.75	$5.00
2 years old	1.00	6.00

FAY'S PROLIFIC CURRANT.

	Each.	Per Doz.
1 year	$0.30	$3.00
2 years	40	4.00

GOOSEBERRIES.

Postage, 15 cts. per doz.; 50 cts. per 100 (for one year old only), if sent by mail.

	1 Year. Per Doz.	2 Years. Per Doz.
Houghton	$0.75	$1.00
Downing	1.00	1.50
Smith's Improved	1.50	2.00
Industry .....1 year .....each 35 cts.....		doz. 3.00
Industry.....2 years..... " 50 cts.....		" 4.00

GRAPES.

STANDARD VARIETIES.

Postage, 15 cts. per doz.; 50 cts. per 100 (for one year old only), if sent by mail.

	1 Year.		2 Years.	
	Each.	Doz.	Each.	Doz.
Agawam	$0.20	$1.50	$0.30	$2.00
Bacchus	.15	1.25	.25	1.50
Brighton	.20	1.50	.30	2.50
Catawba	.15	1.25	.25	1.50
Champion	.20	1.25	.25	1.50
Clinton	.15	1.00	.25	1.50
Concord	.15	1.00	.25	1.50
Delaware	.20	1.50	.30	2.50
Duchess	.20	1.50	.30	2.50
Early Victor	.30	2.50	.35	3.00
Empire State	.35	3.00	.50	4.50
Hartford	.20	1.50	.30	2.50
Ives	.15	1.00	.25	1.50
Lady	.35	3.00	.50	4.50
Lady Washington	.25	2.25	.35	3.00
Martha	.20	1.50	.30	2.50
Moore's Early	.25	2.25	.35	3.00
Niagara	.30	2.50	.35	3.00
Pocklington	.20	1.50	.30	2.50
Salem	.20	1.50	.30	2.50
Wilder	.20	1.50	.30	2.50
Worden	.20	1.50	.30	2.50

NEW VARIETIES.

	1 Year. Each.	2 Years. Each.
Moore's Diamond	$1.50	$2.25
Eaton	1.50	2.25
Hayes	.50	.75

FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

The following list comprises only the best varieties. The vines are all of the best quality, extra fine and strong. The varieties marked with an asterisk (*) require warm vineries:

Black Hamburgh.
* " Barbarossa.
" Prince.
*Bowood Muscat.
Buckland's Sweetwater. Yellow.
Chasselas de Fontainebleau. Yellow.
*Duchess of Buccleugh. Yellow.
*Gros Colman. Black.
Golden Hamburg.
*Grizzly Frontignac. Black.
*Lady Downs. Black.
*Muscat of Alexandria. Yellow.
Muscat Hamburg. Black.
*Royal Ascot. Black.
Trentham Black.
White Frontignac.

1 year old vines, $1.25 each; 2 year old vines, $2.00 each.

FRUIT TREES.

APPLES.

	Each.	Doz.
First-class, 5½ to 7 feet	$0.40	$4.00
Two years, 4½ to 6 feet	.30	3.00

VARIETIES.

(Summer.) Early Harvest, Keswick Codling, Nyack Pippin, Red Astrachan, Sweet Bough, Yellow Transparent.

(Autumn.) Alexander, Duchess of Oldenburgh, Fall Pippin, Fall Orange, Gravenstein, Maiden's Blush, Orange Pippin, Red Beitigheimer.

(Winter.) Baldwin, Ben. Davis, R. I. Greening, Grimes, Golden, Hubbardston Nonsuch, King, Lady, Monmouth Pippin, Northern Spy, Roxbury Russet, Lawyer, Fallawater, Gen. Lyon, Pennock, Smith's Cider, Talman's Sweet, Twenty Ounce, Wealthy.

CRAB APPLES.

	Each.	Doz.
First-class	$0.50	$5.00

Varieties.—Hyslop, Lady Elgin, Red Siberian, Transcendent, Whitney's No. 20, Yellow Siberian.

PEARS.

	Each.	Doz.
Standard, first-class, 5 to 6 feet	$1.00	$9.00
" Two years, 3 to 5 feet	.75	7.50
Dwarf, first-class	.75	7.50

Varieties.—Bartlett, Beurre d'Anjou, Buffum, Clapp's Favorite, Duchesse d'Angouleme, Flemish Beauty, Howell, Kieffer, Lawrence, LeComte, Louise Bonne de Jersey, Manning's Elizabeth, Seckel, Sheldon, Vicar of Wakefield.

PEACHES.

(STANDARD VARIETIES.)

	Each.	Doz.
First-class, 4 to 5 feet	$0.30	$3.00
Extra, 5 to 6 feet	.40	4.00

NEW VARIETIES.

	Each.	Doz.
Wonderful, first-class	$0.75	$7.50
Lovett's White, first-class	.75	7.50

CHERRIES.

	Each.	Doz.
First-class	$0.50	$5.00

Varieties.—(Hearts and Bigarreaus.) Black Eagle, Black Tartarian, Coe's Transparent, Downer's Late, Gov. Wood, Napoleon, Yellow Spanish.

(Dukes and Morello.) Choisy, Dyehouse, Early Richmond, Empress Eugenie, English Morello, Late Duke, Louis Phillippe, May Duke, Montmorency, Ordinaire, Olivet, Reine Hortense.

PLUMS.

	Each.	Doz.
First-class, 5 to 7 feet	$0.75	$7.50
Medium, 4 to 5	.50	5.00

Varieties.—Bradshaw, Coe's Golden Drop, General Hand, German Prune, Green Gage, Imperial Gage, Lombard, Quackenboss, Reine Claude, Richland, Shipper's Pride, Shropshire Damson, Washington, Yellow Egg.

APRICOTS.

	Each.	Doz.
First-class	$0.40	$4.00

Varieties.—Breda, Early Golden, Eureka, Jackson, Moorpark, Peach, Roman, Royal, Common Russian.

IMPROVED RUSSIAN VARIETIES.

	Each.	Doz.
First-class	$0.50	$5.00

Alexander, Alexis, Gibb, J. L. Budd.

NECTARINES.

	Each.	Doz.
First-class	$0.40	$4.00

Early Newington, Early Violet, Hardwick, Stanwick.

MULBERRIES.

	Each.	Doz.
Downing's Everbearing	$0.75	$7.50
Russian, 5 to 7 feet	.30	3.00

QUINCES.

	Each.	Doz.
Apple or Orange Champion, first-class	$0.40	$4.00
" " " " Extra	.50	5.00
Meech's Pro., Rea's Mammoth, first-class	.50	5.00
" " " " Extra	.75	7.50

FIGS.

	Each.	Doz.
Named Varieties	$0.50	$5.00

TREES AND SHRUBS.

Flowering Shrubs.—(Each.) Almond, Double Flowering, 50c.; Berberis, Purple, 35c.; Burning Bush, 35c.; Bush Honeysuckle, 35c.; Dogwood Red, 35c.; Eleagnus, longipes, 50c.; Golden Bell, 25c.; Hydrangea Grandiflora, 50c.; Japan Quince, 35c.; Lilacs, Several Sorts, 35c.; Rose of Sharon, 25c.; Snowball, Japan, 75c.; Snowball, common, 35c.; Spireas, assorted, 35c.; Spirea, Golden, 50c.; Syringa (Mock Orange), 35c.; Strawberry Shrub, 35c.; Tamaris, African, 35c.; White Fringe, 50c.; Tree Pæonies, $2.00.

Magnolis.—(Each.) Cordata, $1.00; Conspicua, $1.50; Glauca, 75c.; Hypoleuca, $3.00; Soulangeana, $1.00; Stellata, $1.50.

Shade and Ornamental Trees.—(Each.) Ash, White, 50c.; Ash, Golden, $1.00; Ash, Silver, $1.00; Aspen, Large American, $1.00; Beech, Purple-leaved, $1.00; Beech, American, 50c.; Beech, Cut-leaved, $1.00; Chestnut, American, 75c.; Chestnut, Horse, 75c.; Chestnut, Horse, Red Flowering, $1.50; Chestnut, Horse, White, $1.50; Elm, American, 75c.; Elm, Purple, $1.00; Elm, Wheatley's, $1.00; Linden, American, 75c.; Linden, European, 75c.; Linden, Silver, $1.50; Maple, Norway, 75c.; Maple, Scarlet, 75c.; Maple, Sugar, 75c.; Maple, Weir's Cut-leaved, $1.00; Maple, Schwerdler's, $1.00; Mountain Ash, 75c.; Oak, 75c.; Oak, Royal, 75c.; Oak, Purple, $1.00; Oak, Golden, $2.00; Poplar, Carolina, 50c.; Tulip Tree, 75c.; Willow Laurifolia, 50c.

Weeping Trees.—(Deciduous.) (Each.) Weeping Ash, $1.00; Weeping Beach, $1.50; Weeping Cypress, American, $1.00; Weeping Elm, Slippery, $1.50; Weeping Elm, Camperdown, $1.50; Weeping Willow, $1.00; Weeping Willow, American, $1.50; Weeping Silver Linden, $1.50.

Evergreens.—(Each.) Arbor Vitæ (Specimen), 75c.; Arbor Vitæ Hooveyi, 50c.; Arbor, Compacta, 50c.; Fir, Cephalonica, $1.50; Fir, Nobilis, $2.00; Fir, Siberian, $1.50; Hemlocks (Specimen), 75c.; Pine, Austrian, 75c.; Pine, Scotch, 75c.; Retinispora, Golden, 75c.; Retinispora, Silver, 75c.: Spruce, Dwarf, $1.00; Spruce, Conical, $1.50; Spruce, Norway (Specimen), 75c.

Weeping Evergreens.—(Each.) Weeping Arbor Vitæ, $1.50; Weeping Fir, Silver, $2.00; Weeping Hemlock, $1.50; Weeping Retinispora, $1.50.

Hedge Plants.—(Per 100.) Arbor Vitæ, American, 1½ to 2 feet, $15.00; Arbor Vitæ, American, 2 to 2½ feet, $18.00; Hemlock, 1½ to 2 feet, $30.00; California Privet, 2 years, $ 5.00; Evergreen Thorn, 2 years, $15.00; Norway Spruce, 1½ to 2 feet, $35.00.

Rhododendrons.—(Each.) Grafted varieties, with buds, (Hardy), $2.00; Grafted varieties, without buds, (Hardy), $1.50; Unnamed varieties, without buds, $1.00.

Ghent Azaleas.—(Each.) Named Varieties, (Hardy), $1.50

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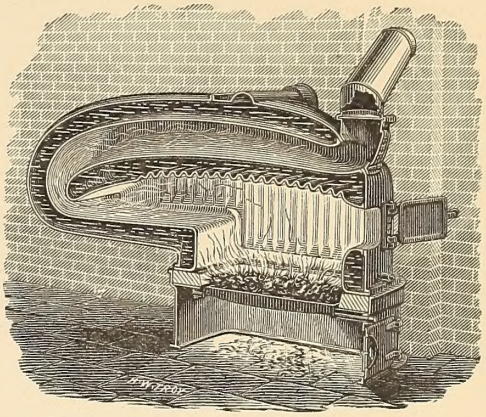

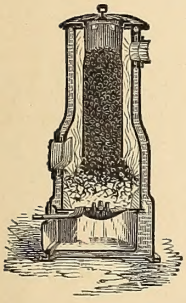

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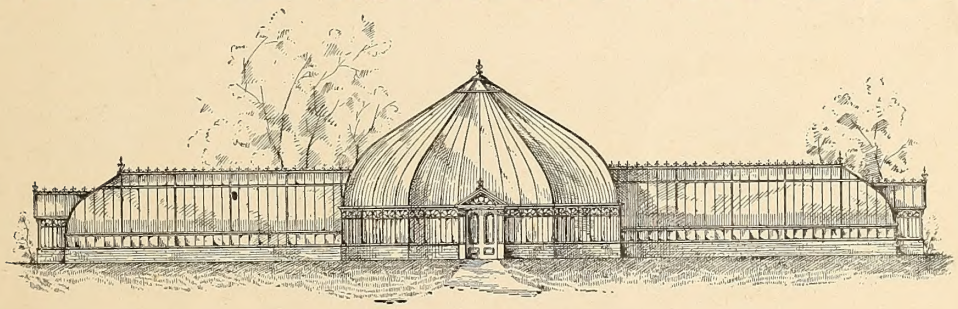

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